



## Certificate of Analysis

Work Order : SU1401413

[Report File No.: 000002745]

To: **Stephen Marshfield**  
**GLENCORE CANADA CORPORATION**  
SUDBURY INTEGRATED NICKEL OPERATIONS  
6 EDISON RD  
FALCONBRIDGE ON P0M 1S0

Date: Dec 08, 2014

P.O. No. : PO#: 4500406498  
Project No. : FRASER  
No. Of Samples : 44  
Date Submitted : Nov 26, 2014  
Report Comprises : Pages 1 to 5  
(Inclusive of Cover Sheet)

**Distribution of unused material:**

To Be Stored:

**Comments:**

Sample Preparation and Specific Gravity analyses were performed at the SGS Sudbury site.

Certified By :

Debbie Waldon  
Project Coordinator

**SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>**

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample  
n.a. = Not applicable -- = No result  
  
\*INF = Composition of this sample makes detection impossible by this method  
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion  
Methods marked with an asterisk (e.g. \*NAA08V) were subcontracted  
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	Au@ GO_FAI303 0.02 g/t	Pd@ GO_FAI303 0.02 g/t	Pt@ GO_FAI303 0.02 g/t	Ni GO_ICP90V 0.005 %	Cu GO_ICP90V 0.005 %	Co GO_ICP90V 0.002 %	MgO GO_ICP90V 0.01 %	S GO_ICP90V 0.01 %
NRD-104-001	<0.02	<0.02	<0.02	0.105	0.045	0.009	8.16	2.07
NRD-104-002	<0.02	<0.02	<0.02	0.060	0.031	0.007	8.12	0.88
NRD-104-003	<0.02	<0.02	<0.02	0.073	0.366	0.005	6.65	1.18
NRD-104-004	<0.02	<0.02	<0.02	0.064	0.044	0.004	6.37	0.98
NRD-104-005	<0.02	<0.02	<0.02	0.218	0.338	0.009	5.55	2.75
NRD-104-006	0.04	0.05	0.04	0.164	3.20	0.008	3.95	4.26
NRD-104-007	<0.02	0.02	0.03	0.155	0.101	0.007	5.30	2.48
NRD-104-008	<0.02	0.02	<0.02	0.457	0.114	0.010	6.38	6.41
NRD-104-009	<0.02	<0.02	<0.02	0.210	0.068	0.009	6.85	3.60
NRD-104-010	<0.02	<0.02	<0.02	0.229	0.119	0.006	7.48	3.32
NRD-104-011	<0.02	<0.02	<0.02	0.214	0.093	0.006	5.87	3.13
NRD-104-012	<0.02	0.02	<0.02	0.419	0.088	0.016	6.80	6.59
NRD-104-013	<0.02	0.04	0.04	0.930	0.152	0.046	2.68	16.9
NRD-104-014	<0.02	<0.02	<0.02	0.144	0.058	0.006	10.2	1.99
NRD-104-015	<0.02	<0.02	<0.02	0.108	0.033	0.007	9.69	1.33
NRD-104-016	<0.02	<0.02	<0.02	0.247	0.073	0.012	8.55	3.77
NRD-104-017	<0.02	<0.02	<0.02	0.103	0.064	0.008	8.79	1.45
NRD-104-018	<0.02	<0.02	<0.02	0.110	0.041	0.008	12.1	1.80
NRD-104-019	<0.02	<0.02	<0.02	0.166	0.109	0.010	8.46	2.79
NRD-104-020	<0.02	<0.02	<0.02	0.150	0.063	0.009	9.55	2.19
NRD-104-021	<0.02	0.03	0.02	0.299	0.075	0.016	8.10	4.62
NRD-104-022	<0.02	<0.02	<0.02	0.131	0.084	0.009	8.39	2.04
NRD-104-023	<0.02	<0.02	<0.02	0.164	0.219	0.013	6.90	3.08
NRD-104-024	0.07	0.04	0.04	0.593	0.286	0.024	7.33	9.38
NRD-104-025	<0.02	<0.02	<0.02	0.101	0.039	0.007	8.59	1.65
NRD-104-026	0.14	0.45	0.59	1.65	1.67	0.034	2.31	10.8
NRD-104-027	<0.02	<0.02	<0.02	0.064	0.040	0.006	9.23	1.10
NRD-104-028	<0.02	<0.02	<0.02	0.059	0.039	0.008	9.20	1.08
NRD-104-029	<0.02	<0.02	0.02	0.091	0.055	0.009	9.87	1.41
NRD-104-030	<0.02	<0.02	<0.02	0.068	0.034	0.008	8.47	0.96
NRD-104-031	<0.02	<0.02	<0.02	0.107	0.078	0.008	5.79	2.05
NRD-104-032	<0.02	<0.02	0.02	0.122	0.077	0.010	7.49	1.80
NRD-104-033	<0.02	<0.02	<0.02	0.026	0.015	0.003	5.34	0.44
NRD-104-034	<0.02	<0.02	<0.02	0.178	0.057	0.005	4.97	2.19
*Dup NRD-104-034	<0.02	<0.02	<0.02	0.158	0.054	0.005	4.88	1.98
NRD-104-035	<0.02	0.03	0.04	0.531	0.196	0.016	4.56	8.18
NRD-104-036	<0.02	<0.02	<0.02	0.007	0.007	<0.002	1.56	0.14
NRD-104-037	<0.02	<0.02	<0.02	0.008	0.058	0.004	5.44	0.53
NRD-104-038	<0.02	<0.02	<0.02	0.006	0.051	0.003	2.77	0.26
NRD-104-039	<0.02	<0.02	<0.02	0.009	0.011	0.004	5.01	0.24

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Element Method Det.Lim. Units	Au@ GO_FAI303 0.02 g/t	Pd@ GO_FAI303 0.02 g/t	Pt@ GO_FAI303 0.02 g/t	Ni GO_ICP90V 0.005 %	Cu GO_ICP90V 0.005 %	Co GO_ICP90V 0.002 %	MgO GO_ICP90V 0.01 %	S GO_ICP90V 0.01 %
NRD-104-040	<0.02	<0.02	<0.02	<0.005	0.125	<0.002	1.15	0.16
NRD-104-041	<0.02	<0.02	<0.02	<0.005	0.422	<0.002	0.45	0.41
NRD-104-042	<0.02	<0.02	<0.02	<0.005	<0.005	<0.002	1.21	0.05
NRD-104-043	0.14	0.45	0.52	1.64	1.62	0.034	2.24	10.5
NRD-104-044	<0.02	<0.02	<0.02	<0.005	<0.005	<0.002	4.47	0.07
*Rep NRD-104-018	<0.02	<0.02	<0.02					
*Rep NRD-104-030	<0.02	<0.02	<0.02					
*Std CDN-PGMS-24	0.73	4.95	1.11					
*Std CDN-PGMS-25	0.44	1.82	0.39					
*Std PK-2	4.80	6.01	4.68					
*Rep NRD-104-015				0.108	0.034	0.006	9.83	1.32
*Rep NRD-104-032				0.123	0.078	0.008	7.54	1.79
*Std GBM306-14				3.47	1.68	0.006	1.77	3.34
*Std TPO-1				0.616	0.122	0.017	2.64	18.5
*Std GBM306-14				3.44	1.66	0.005	1.78	3.33

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Element Method Det.Lim. Units	@Ag GE_AAS21E 0.3 g/t	Sg G_PHY03V 0.01 sg
NRD-104-001	<0.3	2.94
NRD-104-002	<0.3	2.93
NRD-104-003	0.9	2.94
NRD-104-004	<0.3	2.88
NRD-104-005	0.6	2.92
NRD-104-006	6.0	3.00
NRD-104-007	<0.3	2.91
NRD-104-008	0.4	3.07
NRD-104-009	<0.3	3.06
NRD-104-010	<0.3	3.17
NRD-104-011	<0.3	3.01
NRD-104-012	0.3	3.14
NRD-104-013	0.7	3.45
NRD-104-014	<0.3	3.04
NRD-104-015	<0.3	2.92
NRD-104-016	<0.3	3.03
NRD-104-017	<0.3	2.99
NRD-104-018	<0.3	3.03
NRD-104-019	0.4	3.01
NRD-104-020	<0.3	3.00
NRD-104-021	0.5	3.11
NRD-104-022	0.4	2.91
NRD-104-023	1.2	2.99
NRD-104-024	1.5	3.30
NRD-104-025	<0.3	3.04
NRD-104-026	5.4	3.27
NRD-104-027	0.4	3.00
NRD-104-028	0.4	3.00
NRD-104-029	0.6	3.03
NRD-104-030	0.3	3.01
NRD-104-031	0.7	2.96
NRD-104-032	0.6	2.97
NRD-104-033	<0.3	2.87
NRD-104-034	<0.3	2.90
*Dup NRD-104-034	<0.3	2.90
NRD-104-035	1.1	3.12
NRD-104-036	<0.3	2.75
NRD-104-037	<0.3	3.01
NRD-104-038	<0.3	3.13
NRD-104-039	<0.3	2.93

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Element Method Det.Lim. Units	@Ag GE_AAS21E 0.3 g/t	Sg G_PHY03V 0.01 sg
NRD-104-040	<0.3	2.71
NRD-104-041	<0.3	2.70
NRD-104-042	<0.3	2.69
NRD-104-043	4.5	3.23
NRD-104-044	<0.3	2.83
*Rep NRD-104-012		3.15
*Rep NRD-104-025		3.04
*Rep NRD-104-037		3.01
*Rep NRD-104-044		2.81
*Rep NRD-104-009	<0.3	
*Rep NRD-104-037	<0.3	
*Std GBM398-4	48.7	
*Std GBM306-14	6.1	
*Std GBM398-4	52.5	

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