

Fifteenth Annual Report
Falconbridge Nickel Mines
Limited

*For the Year Ended
December 31st, 1943*

Falconbridge Nickel Mines Limited



HEAD OFFICE
25 King Street West, Toronto

PRESIDENT
J. Gordon Hardy

VICE-PRESIDENTS
L. K. Brindley T. Lindsley H. Whittingham
SECRETARY—A. G. Fulton TREASURER—J. C. Rix

DIRECTORS
L. K. Brindley T. Lindsley
J. Gordon Hardy W. G. Malcolm
Halstead Lindsley W. S. Morlock
H. Whittingham

OPERATING STAFF
Manager at Mine and Smelter - - - - Ernest Craig
Manager at Refinery* - - - - S. B. Steen
Consulting Metallurgist - - - - Anton Gronningsater

TRANSFER AGENTS and REGISTRARS
Toronto Share Transfer Company, Limited
302 Bay Street, Toronto

AUDITORS
Clarkson, Gordon, Dilworth & Nash
Toronto

*Refinery presently in enemy possession.

FALCONBRIDGE NICKEL MINES LIMITED

Report of Directors

Toronto, March 2nd, 1944.

To the Shareholders of
Falconbridge Nickel Mines Limited.

The Fifteenth Annual Report of your Directors, with the duly Audited Balance Sheet and Statement of Earnings covering operations of 1943 is herewith presented for your information and consideration.

In spite of bad luck in the forefront of the year—as reported to you in Quarterly Statements—the results of the rest of the year were such as to reach a new record of actual production of metals. Under authorization from the Department of Munitions and Supply, it is now allowable to give figures of such production—as also of current ore reserves—by which you will be reassured as to your Company's position in this important regard.

As far as net financial returns are concerned, however, the early unevenness of operation militated against the year's results, which would have fallen slightly below the 1942 figures, had not a credit in metal-price adjustment, arising from that year, been received. With this credit, the net per share reached 22.6 cents. Dividends at the rate of 15 cents per share were distributed, the same as in 1942.

Operating costs were again the determining factor as to the year's results, since metal recoveries per ton of ore treated were a shade better than in 1942. Both Labor and Supplies showed increases, with some decrease in efficiency in the former. Depreciation charges show increase, due to the special rates applicable to our wartime construction, the completion of which has enabled us fully to meet the demands made upon us for war production.

To meet post-war conditions—especially in regaining and rehabilitating your Norwegian refinery—your main reliance must be placed on having a strong working capital; and your Balance Sheet herewith will show that this has been attended to.

By order of the Board,

J. GORDON HARDY,

President.

FALCONBRIDGE NICKEL MINES LIMITED

FIFTEENTH ANNUAL REPORT

YEAR 1943

Falconbridge, Ontario,

January 29th, 1944.

Mr. J. Gordon Hardy, President,
and the Board of Directors,
Falconbridge Nickel Mines Limited.

Gentlemen:

Please receive herewith my report of operations for the period ended December 31, 1943.

Tonnage of ore hoisted and of metals produced was substantially higher than that recorded for any previous year.

As forecast in my report of last year, completion of the second Wartime Expansion program was not accomplished until the end of the first quarter of the year under review.

Some initial difficulties required remedial action but otherwise, excepting for interruptions noted under the heading "Ore Treatment", the smelter was operated satisfactorily on a two furnace basis for the last nine months of the year.

MINE DEVELOPMENT

The chief items of development are listed as follows:

Drifting and Cross-cutting (including slashing)	10,858 ft.
Stope Raising	5,264 ft.
Fill Pass Raising	260 ft.
Ore Pass Raising	26 ft.
Ventilation Raise	400 ft.
Shaft Sinking (No. 5)	47 ft.
Station Cutting	50,738 ft.
Diamond Test Drilling	8,100 ft.

In addition, some raising was done in preparation for deepening No. 1 Shaft and a hoist was moved from No. 5 and installed at No. 1 for this sinking operation.

The greater part of the ore zone development was confined to Easterly advances on the 1400 ft., 1575 ft., 1925 ft. and 2100 ft. levels. This work disclosed the continuation of a substantial ore body of fair width but comparatively low grade, lying East of a narrow non-commercial area which borders the present Easterly workings of the mine.

The 1925 ft. level was also extended Westerly to outline a possible stoping area lying West of No. 1 Shaft at this horizon.

Drifting on the 1750 ft. level as recorded in the report for last year was continued both Easterly and Westerly in 1943. The Westerly advance had to give way to demands of production and was discontinued in July without any definite conclusion to be reached from results thus far obtained. The Easterly advance was for the greater part of the year through a section known to be lacking in ore possibilities. However, the drift is now approaching an area which is considered to be favourable and encouraging conditions were revealed toward the year end.

Though reserve tonnage shows little change from 1942 the grade is slightly reduced owing to the new ore being of lower grade than that extracted during the period.

In opening new stopes, the greatest effort was on the 1400 ft. level, which accounted for a length of 1647 ft. of the total 2646 ft. Practically all of the remainder of this development was on the 1000 ft. and 1925 ft. levels at 454 ft. and 480 ft. respectively.

After excavating a sump below the 3150 ft. level, sinking of No. 5 Shaft was discontinued and a start was made to open up the 2625 ft. and 2800 ft. levels. While all preparations are complete to deepen No. 1 Shaft, sinking had not actually been commenced at the year end.

Connections were driven which completed the No. 5 Fill Pass system from surface to the 1750 ft. level. Since the scraping limit has been reached at the surface opening of this pass, it is proposed to tap the overburden layer some 550 ft. to the Northeast for a further source of supply. To this end a cross-cut is being driven at the 325 ft. level in which a conveyor belt will be installed to transport this new supply horizontally to the existing fill pass system.

The Mine ventilation system was further extended during the year.

ORE PRODUCTION

Broken ore in stopes as of December 31st, 1942	53,311 tons
Ore broken in stopes, 1943	731,344 tons
	<hr/> 784,655 tons
Ore from stopes, 1943	736,892 tons
Broken ore balance, December 31st, 1943	47,763 tons
With the inclusion of development ore, the tonnage of ore hoisted is as shown below:	
Ore from stopes, 1943	736,892 tons
Ore from development, 1943	70,909 tons
	<hr/> 807,801 tons
Total Ore Hoisted, 1943	<u>807,801 tons</u>

ORE RESERVES

Data furnished by some 12,000 ft. of diamond drilling on outside holdings in the district added over 400,000 tons to the ore reserves of these properties.

Compilation of ore reserves at the end of the year shows the overall picture to be slightly better than that of a year ago.

Ore reserves as of December 31st, 1942:

Falconbridge Mine	7,436,000 tons
Outside properties	4,250,000 tons
	<hr/> 11,686,000 tons
Less: Drawn during 1943	807,801 tons
	<hr/> 10,878,199 tons
New Ore added, 1943:	
Falconbridge Mine	986,801 tons
Outside properties	424,000 tons
	<hr/>
Ore Reserves as of December 31st, 1943	<u>12,289,000 tons</u>

(Averaging 1.74% Nickel and 0.93% Copper)
(Includes Outside Properties)

Note: A dilution factor, developed from mining experience over a period of years, has been applied to calculation of Falconbridge Mine ore reserves. Outside properties ore reserves are calculated from diamond drilling results.

ORE TREATMENT

Operation of the treatment plants was satisfactory throughout the year. For the first quarter the operation followed the same pattern as for the preceding year. However, during the remainder of the year, a marked improvement in metallurgical efficiency was experienced due to the greater flexibility afforded by increased smelting capacity. The result is shown by a comparison of the last nine months of

the year with a like period in 1942, which indicates that, while tonnage treated increased but little over 5%, the production was about 11% higher with no change in grade of ore.

A complete shut down for approximately one week was required in March to tie in new installations with the existing plant. A slow down occurred in July when one furnace was out of production for a fifteen day period following severe damage to essential equipment during a heavy electrical storm.

After deducting waste picked, which this year amounted to only 326 tons, and applying adjustments in above-ground storage, treatment plant performance develops as shown below:

Total Ore Treated	807,048	tons
Made up of: Milling ore 514,724 (63.8%)		
Smelting ore 292,324 (36.2%)		
Matte produced	22,699.4	short tons
Nickel in matte produced	11,547.4	short tons
Copper in matte produced	6,046.6	short tons
	Nickel	Copper
Metals recovered per ton treated	28.74 lbs.	14.98 lbs.
Metallurgical loss per ton treated	3.58 lbs.	2.83 lbs.
(Tailings plus slag plus stack losses)	32.32 lbs.	17.81 lbs.
Indicated grade of Ore Hoisted 1.62% Ni. - 0.89% Cu.		
Sampled grade	1.61% Ni. - 0.86% Cu.	

CONSTRUCTION

All of the installations listed as being included in the second expansion program were completed and put in service.

A hoist of sufficient capacity to serve the deepened No. 1 Shaft was purchased during the year and its installation entailed the erection of a new concrete and tile hoist and compressor building. This work was all but complete at the end of the year.

Plans were made and authorization received to erect a modern change house for Ore Dressing plant and Concentrator employees. Owing to delays from one cause or another, only the foundation was completed this year.

The Bowling Alley mentioned in last year's report was finished and opened in the month of May.

GENERAL

There is considerable satisfaction in recording the improved metallurgical efficiency derived from betterments in the Smelting plant. Unfortunately, however, the price of some commodities has increased, the quality of other important supplies has fallen off and this, coupled with a lowering efficiency as a result of many of the newer employees being unaccustomed to the work in which they are now engaged, has wiped out the advantage thus gained.

Respectfully submitted,

E. CRAIG,
Manager.

FALCONBRIDGE NICKEL

and its Wholly Owned Subsidiary

FALCONBRIDGE NIKKEL

Consolidated Balance Sheet with Comparative Figures

ASSETS		31st December 1943	31st December 1942
Current Assets:			
Cash on hand and in banks in Canada, United States and Norway		\$ 2,274,274.50	\$ 2,894,317.00
Investment in Dominion of Canada bonds at cost (quoted market value \$1,992,500)		2,000,000.00	1,250,000.00
Accounts receivable—Trade		974,278.16	482,852.09
—Sundry		130,343.28	82,953.03
Miscellaneous securities at cost:			
Investment in mining shares (quoted market price \$101,930)		152,798.32	157,754.82
Investment in associated companies' shares		51,750.00	35,100.00
		<u>\$ 5,583,444.26</u>	<u>\$ 4,902,976.94</u>
Inventory determined from book records and certified by responsible officials:			
Refined metals at cost		\$ 1,038,817.97	\$ 891,683.62
Matte on hand and in process at cost		1,031,632.24	1,034,888.93
		<u>\$ 2,070,450.21</u>	<u>\$ 1,926,572.55</u>
Property Account:			
Mine, smelter and refinery buildings, machinery and equipment less depreciation written off		\$ 1,983,656.12	\$ 2,584,436.15
Mining properties and claims at cost		3,162,191.37	3,149,775.67
		<u>\$ 5,145,847.49</u>	<u>\$ 5,734,211.82</u>
Deferred Expenditures, Supplies, etc.:			
Mining and refinery supplies, etc.		\$ 837,708.77	\$ 664,979.26
Prepaid expenses and deferred charges		63,894.26	58,935.70
		<u>\$ 901,603.03</u>	<u>\$ 723,914.96</u>
Deposit with Municipality of Kristiansand re Power Supply		\$ 74,958.67	\$ 74,958.67
		<u>\$13,776,303.66</u>	<u>\$13,362,634.94</u>

AUDITORS' REPORT

We have examined the above consolidated balance sheet of Falconbridge Nickel Mines Limited and its wholly-owned subsidiary, Falconbridge Nikkelverk Aktieselskap, as at 31st December, 1943, and the consolidated statements of earnings and earned surplus for the year ended on that date. In connection therewith we reviewed the system of accounting records.

The assets and liabilities of your company's wholly-owned subsidiary, Falconbridge Nikkelverk Aktieselskap, as at 31st December, 1943, have been incorporated in the above consolidated balance sheet and in the consolidated statements of earnings and earned surplus, and have been realized by your company from the net assets held in Norway, which are included in the above balance sheet at \$1,662,500.00.

Subject to the above, we report that in our opinion the above consolidated balance sheet and related consolidated statements of earnings and earned surplus, and the consolidated statements of operations for the year ended 31st December, 1943, and of the results of their operations for the year ended 31st December, 1943, as auditors have been complied with.

Toronto, Canada, 15th February, 1944.

NICKEL MINES LIMITED

Owned Subsidiary

NIKKELVERK AKTIESELSKAP

Statement, 31st December, 1943

for 31st December, 1942

LIABILITIES

	31st December 1943	31st December 1942
Capital:		
Authorized 5,000,000 shares of no par value		
Issued 3,337,507 shares of no par value	\$ 7,038,395.94	\$ 7,038,395.94
Current Liabilities:		
Accounts payable	\$ 345,074.65	\$ 218,014.73
Wages payable	105,865.46	101,429.75
Unclaimed dividends	3,113.22	2,706.11
Reserve for income and excess profits taxes less instalments paid	294,673.71	268,800.00
	<u>\$ 748,727.04</u>	<u>\$ 590,950.59</u>
Earned Surplus	\$ 5,989,180.68	\$ 5,733,288.41

On behalf of the Board:

J. Gordon Hardy, Director.

T. Lindsley, Director.

\$13,776,303.66

\$13,362,634.94

TO THE SHAREHOLDERS

Owned subsidiary, Falconbridge Nikkelverk Aktieselskap, as at 31st December, 1943, and the attached statements of internal control and the accounting procedures of the Falconbridge Nickel Mines Limited and examined or tested its

at 31st March, 1940, together with the provision for depreciation of refinery from that date to 31st December, 1943, have plus from figures supplied to us by your Toronto office. We are not in a position to estimate what amount ultimately will 363.22, the details of which are shown in an attached statement.

statements of earnings and earned surplus have been drawn up so as to exhibit a true and correct view of the state of the date according to the best of our information, the explanations given us and as shown by the books. All our requirements

CLARKSON, GORDON, DILWORTH & NASH, Chartered Accountants.

FALCONBRIDGE NICKEL MINES LIMITED

and its Wholly Owned Subsidiary

FALCONBRIDGE NIKKELVERK AKTIESELSKAP

Consolidated Earnings Statement

For the Year Ended 31st December, 1943
with Comparative Figures for the Year 1942

	1943	1942
Matte and metal sales and non-operating income	\$8,285,076.33	\$7,674,288.83
Less: Selling and delivery expense	510,952.27	504,066.69
	<hr/>	<hr/>
Add: Increase in metal inventories	\$7,774,124.06	\$7,170,222.14
	139,634.85	37,644.28
	<hr/>	<hr/>
	\$7,913,758.91	\$7,207,866.42
	<hr/>	<hr/>
Operating costs—mining, smelting, refining, etc.	\$5,583,314.67	\$4,872,282.89
Outside exploration	3,174.02	4,252.94
Administrative and general expense	95,215.39	79,491.77
	<hr/>	<hr/>
	\$5,681,704.08	\$4,956,027.60
	<hr/>	<hr/>
Operating profit before providing for taxes, deferred development and depreciation	\$2,232,054.83	\$2,251,838.82
Provision for income and excess profits taxes	316,000.00	320,000.00
	<hr/>	<hr/>
Profit for the year before providing for deferred development and depreciation	\$1,916,054.83	\$1,931,838.82
	<hr/>	<hr/>
Deferred development expenses	\$ 158,771.04	\$ 224,586.83
Depreciation	610,595.54	634,005.44
Amortization of assets acquired in connection with war expansion programme	472,690.00	341,345.00
	<hr/>	<hr/>
	\$1,242,056.58	\$1,199,937.27
	<hr/>	<hr/>
Net profit for the year	\$ 673,998.25	\$ 731,901.55
Credit in respect of prior year resulting from adjustment in sales price under the British Ministry of Supply agreement, less provision for income and excess profits taxes thereon	82,530.86	
	<hr/>	<hr/>
Amount transferred to consolidated earned surplus account	\$ 756,529.11	\$ 731,901.55

Consolidated Earned Surplus Account

For the Year Ended 31st December, 1943
with Comparative Figures for the Year 1942

	1943	1942
Balance at beginning of year	\$5,733,288.41	\$5,452,011.00
Amount transferred from consolidated earnings statement	756,529.11	731,901.55
Overprovision for prior year's taxes		50,001.91
	<hr/>	<hr/>
Deduct dividends paid	\$6,489,817.52	\$6,233,914.46
	500,636.84	500,626.05
	<hr/>	<hr/>
Balance at end of year	\$5,989,180.68	\$5,733,288.41

Statement of Assets and Liabilities in Norway
Included in the
CONSOLIDATED BALANCE SHEET
of
FALCONBRIDGE NICKEL MINES LIMITED --
and
FALCONBRIDGE NIKKELVERK AKTIESELSKAP
as at 31st December, 1943

ASSETS

Current Assets:		
Cash on hand and in banks	\$ 153,076.36	
Accounts receivable—sundry	59,558.75	\$ 212,635.11
Inventories of matte on hand and in process		1,009,068.33
Property account—refinery buildings, machinery and equipment less depreciation written off		373,728.33
Deferred expenditures, supplies, etc.:		
Refinery supplies, etc.	\$ 98,852.01	
Prepaid expenses and deferred charges	19,875.94	118,727.95
Deposit with Municipality of Kristiansand re power supply		74,958.67
		<u>\$1,789,118.39</u>

LIABILITIES

Current Liabilities:		
Accounts payable	\$ 35,168.91	
Wages payable	20,586.26	
Reserve for taxes	70,000.00	
		<u>\$ 125,755.17</u>
Net assets in Norway included in the consolidated balance sheet of Falconbridge Nickel Mines Limited and Falconbridge Nikkelverk Aktieselskap as at 31st December, 1943		
		<u>\$1,663,363.22</u>

Notes: (1) The refinery is at present in enemy possession.

(2) The above figures are as at 31st March, 1940, with the following exceptions:

(a) Refined metals on hand in Norway at 31st March, 1940, \$233,279.36 were written off in 1940;

(b) Provision has been made for depreciation of buildings, machinery and equipment from 1st April, 1940, to 31st December, 1943, on the same basis as in previous years.

FALCONBRIDGE NICKEL MINES LIMITED

Toronto, January 12th, 1944.

Mr. J. Gordon Hardy, President,
and the Board of Directors,
Falconbridge Nickel Mines Limited.

Dear Sirs:

I beg to submit the following report for the fiscal year ended December 31st, 1943.

Ore Dressing Plant, Mill and Smelter

The new second blast furnace mentioned in the previous annual report was started in March, 1943. It has permitted the contemplated increase (10%-15%) in production at the same time as normal metallurgical losses have been re-established.

The regularity of operations has been somewhat hampered by difficult labor conditions and consequent occasional shortage of ore.

Refinery:

The Kristiansand plant is intact according to fairly recent information.

The previous arrangement for refining continues.

Respectfully submitted,

Anton Gronningsater,
Consulting Metallurgist.

Dividends Paid by Falconbridge Nickel Mines Limited

Dividend Number	Record Date	Dividend Per Share	Amount	
1 to 3	1933	\$0.25	\$ 812,609.97	
4 to 7	1934	0.275	902,173.02	
8 to 11	1935	0.30	997,669.77	
12 to 15	1936	0.30	1,001,234.50	
16 to 19	1937	0.30	1,001,274.74	
20 to 23	1938	0.30	1,001,276.09	
24 to 27	1939	0.30	1,001,275.96	
28	1940	0.075	250,318.96	
29 to 32	1941	0.20	667,501.40	
33 & 34	1942	0.15	500,626.05	
				\$8,135,960.46
	1943			
35	May 4th	0.075	250,318.42	
36	Nov. 17th	0.075	250,318.42	500,636.84
	Total	\$2.60		\$8,636,597.30

COMPARATIVE SUMMARY OF OPERATIONS AND EARNINGS

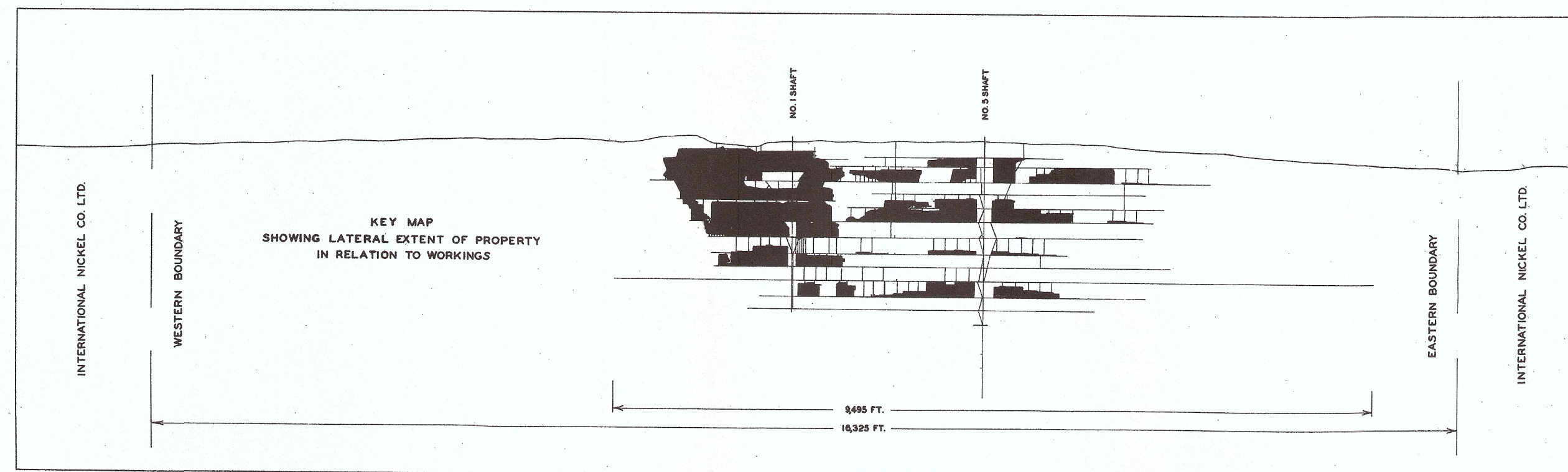
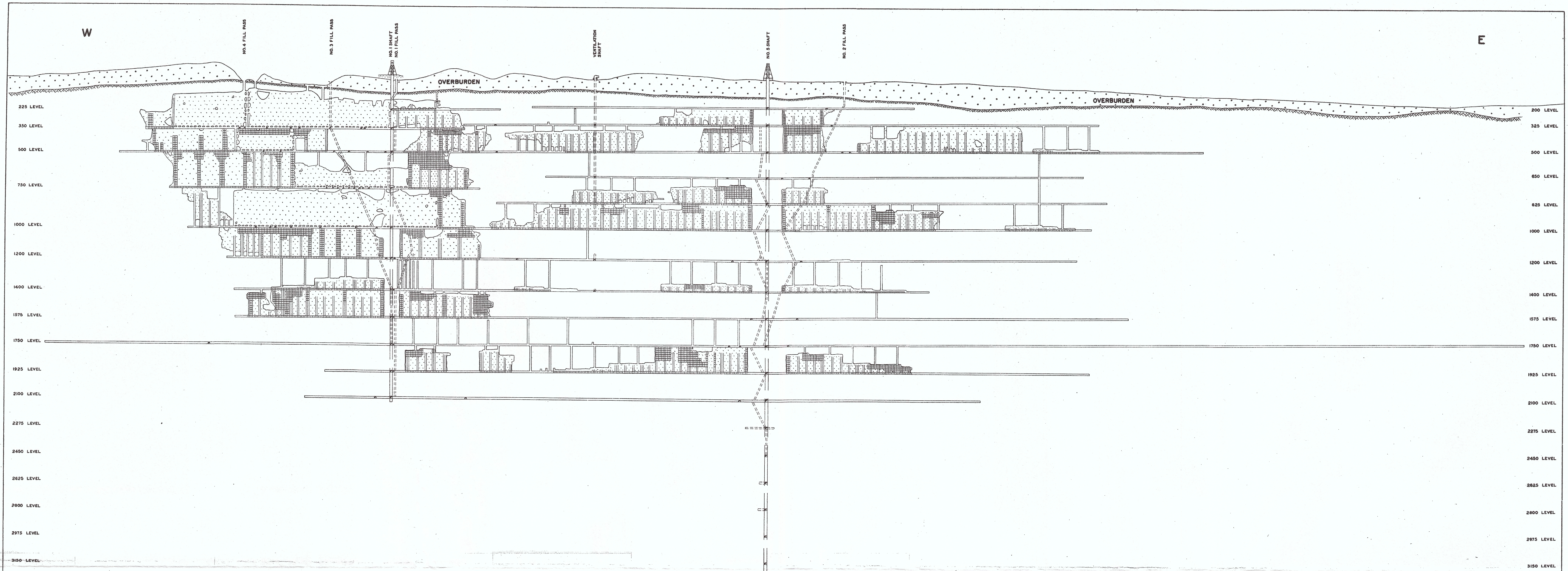
Year	Gross Profits After Taxes	Net Profit After Taxes, Def. Development and Depreciation	Net Current Assets inc. Metal Inventories (at cost) excluding Broken ore and Supplies
1930			\$ 858,598.15
1931	\$ 173,652.18	\$ 10,530.69	1,114,484.64
1932	1,014,378.90	762,420.54	1,685,891.59
1933	1,505,396.93	1,122,999.28	1,826,058.38
1934	1,924,251.00	1,415,886.03	2,417,024.75
1935	2,341,489.60	1,768,558.15	2,860,895.65
1936	2,597,635.10	1,873,607.05	2,057,378.26
1937	2,513,330.35	1,471,495.07	2,421,760.77
1938	2,712,532.78	1,777,858.02	3,375,953.37
1939	3,134,181.90	2,009,403.60	4,996,921.27
1940	1,421,604.69	277,903.08	*5,797,083.94
1941	1,770,200.79	993,986.05	*5,838,910.16
1942	1,931,838.82	731,901.55	*6,134,387.18
1943	1,916,054.83	756,529.11	*6,780,062.90

*\$1,095,948.27 of this amount is made up of net assets in Norway.

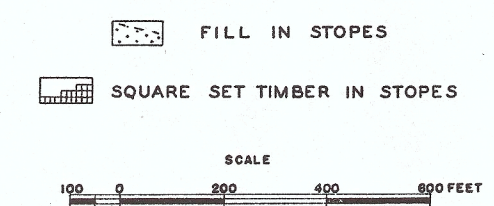
FALCONBRIDGE NICKEL MINES LIMITED

Employees in the Armed Services

F. R. Adair	C. R. Fisher	M. J. Maki	W. D. Richards
R. E. Adair	R. French	C. A. Mann	J. E. Riehl
R. F. Adair	C. A. Gee	O. A. Mathias	R. H. Rofritsch
L. Allair	T. J. Gibson	R. C. Matte	J. Ross
J. M. Allan	Wm. Gibson	J. McAdam	C. Ruff
G. R. Armstrong	R. C. Gordon	R. F. McAllister	L. N. J. Rusk
J. F. Armstrong	E. Gour	A. J. McBeth	W. V. Rutledge
J. N. Bailey	J. H. Graham	D. H. McBryan	A. T. Rutton
L. K. Bailey	W. G. Grant	W. B. McChesnie	A. L. Sabourin
L. T. Baird	G. A. Greenwood	R. M. McConkey	L. Sabourin
J. C. Baker	J. Grenfell	J. H. McCormick	R. E. Saunders
J. S. Barclay	D. H. Griese	M. J. McCulloch	R. T. Semple
M. R. Barrett	J. E. Grimard	R. A. McCulloch	M. J. Shane
A. E. Barton	M. H. R. Groom	C. J. McDonald	D. G. M. Sheppard
S. Beaver	W. J. Gudrie	E. C. McDonald	J. K. Sheppard
G. Bell	J. T. Hannaway	F. L. McDonald	H. E. Simms
W. J. Bellmore	H. W. Hanrahan	G. B. McDonnell	R. E. Simms
A. Belzile	C. O. Hansen	F. C. McGuire	J. F. Sissons
C. J. Bishop	E. C. Hansen	D. McKee	J. Slimkowich
E. R. Blake	A. J. Hardy	J. McKee	B. V. Sloan
H. Bloy	W. F. Harper	J. H. McKee	J. Sloan
M. N. Bontinen	F. B. Heinie	M. R. S. McKee	J. T. Smith
M. J. Bouchard	F. J. Henderson	R. C. McLeod	G. E. Spence
D. Bresnahan	G. A. Henderson	A. A. McPhee	E. J. Stack
J. J. Bresnahan	J. F. Henry	A. S. McPhee	J. Stack
L. H. Bresnahan	L. Henry	J. H. Metcalfe	J. Staples
J. W. Brison	L. P. Henry	A. T. Mitchell	L. A. Stevenson
W. H. Burnie	R. A. J. Henry	J. C. Mitchell	G. E. Stewart
R. P. Burton	C. A. F. Hews	J. F. G. Mitchell	K. R. Sutherland
A. E. Cameron	F. Hicks	V. J. Moore	J. G. Swartz
H. J. Cameron	G. Hodgins	M. E. Morgan	S. P. Swartz
G. E. Carmichael	H. M. Hodgson	R. B. Morrison	J. R. Sykes
W. Carmichael	W. Holenchuk	E. A. Morton	M. Tallon
F. Carr	S. Howe	T. H. Moxam	M. J. Tamplin
H. J. Caswell	C. F. Hutchinson	J. W. Moyle	J. F. Tansley
C. G. Caverley	W. W. Jacob	L. E. Muncaster	F. J. Taylor
J. P. Chepesiuk	D. James	A. H. Murphy	R. H. Taylor
M. P. Chepesiuk	P. R. Jarvis	F. J. Murphy	W. K. Teed
H. A. Chilvers	E. G. Jarvis	F. W. Noble	W. L. Thomas
J. Cleary	J. E. C. Johnson	H. J. O'Byrne	W. H. Thompson
T. M. Clinton	W. H. Johnston	W. F. O'Hearn	E. J. Thurston
H. R. Connelley	J. O. Jones	J. E. O'Malley	P. Timmerman
F. G. Cooke	W. J. Joyce	G. S. O'Neil	A. E. Turner
J. F. Cornthwaite	M. Kallio	L. N. Palmer	C. J. Turner
A. Cote	E. W. Keen	K. E. Paul	S. Waisberg
E. Coucroche	F. J. Keilty	J. F. Pearson	J. W. Wallace
H. R. Craig	P. Kelly	J. A. Peloquin	M. J. Walterson
F. R. Crawford	W. J. Kent	A. S. Peterson	L. S. Webster
T. A. Croteau	E. A. Kenyon	R. A. Peterson	A. L. White
G. P. Crowe	J. B. Kerton	A. Piehl	S. S. Willett
H. Cruikshank	T. F. Kidd	J. S. Pierce	H. B. Whiteman
W. Cryderman	M. S. Kirwan	K. Powell	N. L. Willett
A. J. Cull	J. L. Lachance	E. Prete	C. K. Williams
G. C. Cull	J. L. Lachapelle	J. W. Pritchard	D. J. Williams
L. J. Cull	M. A. Lalonde	W. Pritchard	W. G. Wills
C. R. Dell	J. A. E. Landry	G. M. B. Purdy	G. C. Wilson
J. J. Dickson	W. Lindhorst	E. G. Quibell	H. E. Wilson
A. A. Docherty	W. J. Loveday	G. W. Rath	S. F. Wilson
A. J. Dolphin	J. G. Lye	R. G. Reid	R. K. Wirta
A. Donnelly	D. A. Macaulay	A. Reilly	R. Wood
J. Drogoski	L. O. MacLean	E. A. Rhude	L. W. Woodruff
R. E. Dubblestyn	N. MacLennan	J. R. Rhude	E. B. Wright
Geo. Duncan	R. D. MacNeil	J. T. Rhude	E. Yackman
J. Dunn	E. W. Maenpaa	W. B. Rhude	
N. L. Evans	E. O. Maki	A. Richards	



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