Kitchener Mining N.L.

Head Office:

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411 Collins Street, Melbourne, VIC., 3000. GPO Box 2282U, Melbourne, VIC., 3001 Telephone: (03) 629 6888 Facsimile: (03) 629 1250 A.C.N. 008 721 168

Registered Office:

Suite 21, Piccadilly Square, Corner Short & Nash Sts., Perth W.A., 6000. P.O. Box 8159, Stirling St, Perth W.A. 6849. Telephone: (09) 325 4997 Facsimile: (09) 221 1341

REF:MINING:AUST STOCK EXCHANGE MAY SPECIAL REPORT

"By facsimile" (09) 221 2020

June 4, 1993.

The Listing Manager, Australian Stock Exchange (Perth) Ltd., Stock Exchange Plaza, 2 The Esplanade, <u>PERTH</u>, W.A., 6000.

Dear Sir,

Special Report to Australian Stock Exchange (Perth) Ltd.

In the May 18, 1993 "Special Report of Directors" it was reported that tests at the Bamboo Creek mill on 275.7 tonnes of high grade Kitchener ore resulted in recovery of at least 100% of the measured gold, 38.3g/t as sampled from the belt.

Actual gold produced and changes in the mill gold balance have now shown the final recovery to be 51.76g/t (buillion produced 49.59g/t, change in circuit stock 2.17g/t).

The test is being repeated with 275.98 tonnes. The gold produced to date and gold on the carbon shows that the recovered grade will be more than 30g/t. Stripping of the carbon is continuing. The head grade by the conventional fire assay method was 22.9g/t.

Kitchener Ore Body

Development of the decline from the 1090m level to the planned 1076m level is continuing.

The Kitchener lode strike length as exposed in underground workings is now 150 metres. The presently inferred resource is 83,000t at a measured head grade by the conventional fire assay method of 45g/t.

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Method used to obtain gold results higher than the conventional fire assay method

The intellectual property in the method used to obtain gold results higher than the conventional fire assay method is owned by Elazac Pty. Ltd., an associated company of Haoma North West NL and Kitchener Mining NL. A worldwide patent has been applied for. Haoma North West NL, Kitchener Mining NL and Leaveland Pty. Ltd. (all associated companies) have the right to use the intellectual property for no fee.

Yours faithfully, Going More Gary C. Morgan, CHAIRMAN.

Note: The mining statistics included in this report have been prepared by a Member of the Australian Institute of Mining and Metallurgy with more than five years relevant experience.



ACN 008-676 177 411 Collins Street, Melbourne Vic. 3000. P.O. Box 2282U, Melbourne Vic. 3000. Tcl: (03) 629 6888 Fax: (03) 629 5072

REF:MINING:Stock Exchange Press Release June 4, 1993

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June 4, 1993.

The Listing Manager, Australian Stock Exchange (Perth) Ltd., Stock Exchange Plaza, 2 The Esplanade, <u>PERTH</u>, W.A., 6000.

Dear Sir,

Special Report to the Australian Stock Exchange (Perth) Ltd.

The Directors of Haoma North West NL wish to announce the following:

Mickey's Find

In 1991/92 thirteen reverse circulation (R/C) holes were drilled at Mickey's Find in 2 areas of a chert structure that had a defined strike length of at least 1500 metres. Mickey's Find is located approximately 5 kilometres west of the Normay Mine in the Panorama/North Pole region of the Pilbara.

Detailed surface mapping and drillhole logging revealed a significant alteration zone.

In the oxide zone impressive gold values were measured in 1991/92 by fire assay techniques over true widths greater than 10 metres. Two existing adits were sampled and the results were 13 metres at 6.72g/t and 14 metres at 8.4g/t as measured by the conventional fire assay method.

Below a depth of 15 metres the gold values in 1991/92 were disappointing. In hole MFR3 1.28 g/t was measured over 48 metres (from 52m to 100m).

Recent testwork on Mickey's Find samples in the Bamboo Creek laboratory of Kitchener Mining NL has indicated that the conventional fire assay method is <u>understating</u> the grade, in most cases by more than 100%. Results to date of cyanide leach tests on MFR3 samples are attached - this testwork is continuing.

The tonnage potential is very large, given the strike length of at least 1500m, the fact that the structures are open to depth at 100 metres, the width is of the order of 10-20 metres (at least in the oxide zone) and there are at least 7 such structures.

The gold mineralisation identified to date is associated with the chert and an adjacent breecia.

The alteration style present is not reminiscent of a classical deep seated Archaean gold system, rather it possesses the characteristics of a higher level mesothermal or epithermal system.

Mickey's Find is owned by Elazac Pty Ltd, and is one of the tenements to be vended to Haoma North West NL.

Normay Mine Ore

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Early next week 250 tonnes of Normay ore with a measured head grade by the conventional fire assay method of between 12g/t and 15g/t will be processed at the Bamboo Creek mill. The ore will be processed using the new method which produced with Kitchener lode ore significantly more gold than the measured head grade. Results will be reported when available.

Kitchener Mining NL

Haoma North West NL has a significant interest (30.5% of issued capital) in the delisted company Kitchener Mining NL.

The following are details of a special report to the Australian Stock Exchange on June 4, 1993.

In the May 18, 1993 "Special Report of Directors" it was reported that tests at the Bamboo Creek mill on 275.7 tonnes of high grade Kitchener ore resulted in recovery of at least 100% of the measured gold, 38.3g/t as sampled from the belt and assayed by the conventional fire assay method.

Actual gold produced and changes in the mill gold balance have now shown the final recovery to be 51.76g/t (bullion produced 49.59g/t, change in circuit stock 2.17g/t).

The test is being repeated with 275.98 tonnes. The gold produced to date and gold on the carbon shows that the recovered grade will be more than 30g/t. Stripping of the carbon is continuing. The head grade by the conventional fire assay method was 22.9g/t.

Kitchener Ore Body

Development of the decline from the 1090m level to the planned 1076m level is continuing.

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Method used to obtain gold results higher than the conventional fire assay method

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The intellectual property in the method used to obtain gold results higher than the conventional fire assay method is owned by Elazac Pty. Ltd., an associated company of Haoma North West NL and Kitchener Mining NL. A worldwide patent has been applied for. Haoma North West NL, Kitchener Mining NL and Leaveland Pty. Ltd. (all associated companies) have the right to use the intellectual property for no fee.

Yours faithfully,

long Gary C. Morgan

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CHAIRMAN.

Note: The mining statistics included in this report have been prepared by a Member of the Australian Institute of Mining and Metallurgy with more than five years relevant experience.

<u>Cyanide Leach Test</u> <u>Results to date on Mickey's Find Samples</u>

Performed at Bamboo Creek Laboratory

To date, 15 bottle rolls in cyanide of samples from Mickey's Find have been carried out at the Bamboo Creek Laboratory.

From samples returned from Minlabs, Perth - a composite of samples E7652-E7655 (MFR3 31-38 metres).
Fire assay before cyanidation 0.35g/t

Gold in solution after evanidation

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At 50% solids density, gold extracted in solution from solids	0.10g/t
Fire assay of solids residue after cyanidation	Not done

0.10mm

0.77g/t

 From samples returned from Minlabs, Perth - a composition of samples E7677-E7680 (MFR3 80-96 metres).

Fire assay before cyanidation	0.77g/t
Gold in solution after cyanidation	5.42ppm
At 50% solids density, gold extracted in solution from solids	5.42g/t
Fire assay of solids residue after cyanidation	<u>1.36g/t</u>

- Total gold measured after cyanidation 7.78g/t
- 3. Repeat of E7677-E7680 (MFR3 80-96 metres).

Fire assay before cyanidation

- Gold in solution after cyanidation 0.83ppm
- At 40% solids pulp density, gold extracted in solution from solids1.25 g/tFire assay of solids residue after cyanidation2.40g/tTotal gold measured after cyanidation3.65g/t

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4. Sample #1 from cuttings from MFR3 48-49 metres collected from the sample bag at Mickey's Find.

Sample #1 was ground in the Bamboo Creek laboratory ball mill before each leach, ie. after 1st leach the sample was re-ground. <u>Pulp density in each leach was 40%</u>.

Fire assay before cyanidation (Average of 9 conventional fire assays: high is .48g/t, low .22g/t)	0.26g/t
Gold in solution after 1st leach after 2nd leach Total gold in solution after cyanidation	0.08g/t <u>0.34g/t</u> 0.42g/t
Fire assay of solids residue after cyanidation	<u>0.14g/t</u>
Total gold measured after cyanidation	<u>0.56g/t</u>

5. Repeat of Sample #1 from cuttings from MFR3 48-49 metres collected from the sample bag at Mickey's Find.

Fire assay before cyanidation (Average of 9 conventional fire assays: high is .48g/t, low .22g/t)	0.26g/t	
Gold in solution after 1st leach after 2nd leach Total gold in solution after cyanidation	0.08g/t <u>0.24g/t</u> 0.32g/t	
Fire assay of solids residue after cyanidation	<u>0.17g/t</u>	
Total gold measured after cyanidation	<u>0.49g/t</u>	

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Sample #2 from cuttings from MFR3 34-35 metres collected from the sample bag at 6. Mickey's Find.

Sample #2 was ground in the Bamboo Creek laboratory ball mill before each leach ie. after each leach the sample was re-ground. Pulp density in each leach was 40%.

Fire assay before cyanidation (Average of 9 conventional fire assays: high is .39g/t, low .20g/t)	0.31g/t
Gold in solution after 1st leach	0.27g/t
after 2nd leach	0.05g/t
after 3rd leach	0.02g/t
after 4th leach	0.29g/t
Total gold in solution after cyanidation	0.63g/t
Fire assay of solids residue after cyanidation	<u>0.67g/t</u>
Total gold measured after cyanidation	<u>1.30g/t</u>

Repeat of Sample #2 from cuttings from MFR3 34-35 metres collected from the 7. sample bag at Mickey's Find.

Fire assay before cyanidation (Average of 9 conventional	
fire assays: high is .39g/t, low .20g/t)	0.31g/t

Gold in solution	after 1st leach	0.26g/t
	after 2nd leach	0.06g/t
	after 3rd leach	0.09g/t
	after 4th leach	0.07 <u>e/t</u>
Total gold in solution after cyanidation		0.48g/t
Fire assay of soli	ds residue after cyanidation	<u>0.54g/t</u>
Total gold measu	red after cyanidation	<u>1.02g/t</u>

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8. Repeat of Sample #2 from cuttings from MFR3 34-35 metres collected from the sample bag at Mickey's Find with a 10% hydrogen peroxide wash.

•	cyanidation (Average of 9 conventiona : high is .39g/t, low .20g/t)	1 0.31g/t
Gold in solution		0.20g/t
	after 2nd leach	0.21g/t
	after 3rd leach	0.27g/t
	after 4th leach	0.00g/t
	after 5th leach	0.03g/t
	after 6th leach	0.13g/t
Total gold in solution after cyanidation		0.84g/t
Fire assay of solids residue after cyanidation		<u>0.17g/t</u>
Total gold measured after cyanidation		1.01g/t

9. Repeat of Sample #2 from cuttings from MFR3 34-35 metres collected from the sample bag at Mickey's Find with a <u>low</u> concentrate acid wash.

Fire assay before cyanidation (Average of 9 conventional fire assays: high is .39g/t, low .20g/t)	0.31g/t
Gold in solution after 1st leach	0.38g/t
after 2nd leach	2.17g/t
after 3rd leach	1.18g/t
after 4th leach	0.32g/t
after 5th leach	0.88g/t
after 6th leach	0.00g/t
Total gold in solution after cyanidation	4.93g/t
Fire assay of solids residue after cyanidation	<u>0.16g/t</u>
Total gold measured after cyanidation	<u>5.09g/t</u>

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10. Repeat of Sample #2 from cuttings from MFR3 34-35 metres collected from the sample bag at Mickey's Find with a <u>high</u> concentrate acid wash.

Fire assay before cyanidation (Average of 9 conventional fire assays: high is .39g/t, low .20g/t)	0.31g/t	
Gold in solution after 1st leach	0.43g/t	
after 2nd leach	0.37g/t	
after 3rd leach	0.32g/t	
after 4th leach	0.10g/t	
after 5th leach	0.22g/t	
after 6th leach	0.59g/t	
Total gold in solution after cyanidation	2.03g/t	
Fire assay of solids residue after cyanidation	<u>1.42g/t</u>	
Total gold measured after cyanidation	<u>3.45g/t</u>	

11. Sample #3 from cuttings from MFR3 57-58 metres collected from the sample bag at Mickey's Find.

Sample #3 was ground in the Bamboo Creek laboratory ball mill before each leach ie, after each leach the sample was re-ground. <u>Pulp density in each leach was 40%</u>.

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Fire assay before cyanidation (Average of 9 conventional fire assays: high is 3.70g/t, low 3.10g/t)		3.52g/t
Gold in solution		1.58g/t
	after 2nd leach	0.93g/t
	after 3rd leach	0.69g/t
	after 4th leach	0.93g/t
	after 5th leach	1.05g/t
	after 6th leach	0.56g/t
Total gold in solution after cyanidation		5.74g/t
Fire assay of solids residue after cyanidation		<u>1.25g/t</u>
Total gold measu	red after cyanidation	<u>6.99g/t</u>

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12. Repeat of Sample #3 from cuttings from MFR3 57-58 metres collected from the sample bag at Mickey's Find.

Fire assay before cyanidation (Average of 9 conventional fire assays: high is 3.70g/t, low 3.10g/t)	3.52g/t	
Gold in solution after 1st leach	1.70g/t	
after 2nd leach	1.35g/t	
after 3rd leach	0.95g/t	
after 4th leach	0.43g/t	
after 5th leach	0.30g/t	
after 6th leach	0.83g/t	
Total gold in solution after cyanidation	5.56g/t	
Fire assay of solids residue after cyanidation	<u>1.21g/t</u>	
Total gold measured after cyanidation	<u>6.77g/t</u>	

Sample #4 from cuttings from MFR3 58-59 metres collected from the sample bag at 13. Mickey's Find.

Sample #4 was ground in the Bamboo Creek laboratory ball mill before each leach ie, after each leach the sample was re-ground. Pulp density in each leach was 40%.

Fire assay before cyanidation (Average of 9 conventional fire assays: high is 8.67g/t, low 7.18g/t)	7. 70g /t
Gold in solution after 1st leach	2.84g/t
after 2nd leach	1.12g/t
after 3rd leach	0.30g/t
Total gold in solution after cyanidation	4.26g/t
Fire assay of solids residue after cyanidation	<u>1.37g/t</u>
Total gold measured after cyanidation	<u>5.63g/t</u>

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 Repeat of Sample #4 from cuttings from MFR3 58-59 metres collected from the sample bag at Mickey's Find.

Fire assay before cyanidation (Average of 9 conventional fire assays: high is 8.67g/t, low 7.18g/t)	7.70g/t
Gold in solution after 1st leach	3.18g/t
after 2nd leach	1.06g/t
after 3rd leach	<u>0.27e/t</u>
Total gold in solution	4.51g/t
Fire assay of solids residue after cyanidation	<u>1.42e/t</u>
Total gold measured after cyanidation	<u>5.93g/t</u>

15. Repeat of Sample #4 from cuttings from MFR3 58-59 metres collected from the sample bag at Mickey's Find. Ground in the Bamboo Creek laboratory ball mill before each leach with 0.1% litharge added.

Fire assay before cyanidation (Average of 9 conventional 9 fire assays: high is 8.67g/t, low 7.18g/t)	7.7 0g/t
Gold in solution after 1st leach after 2nd leach after 3rd leach	3.09g/t 1.03g/t <u>0.24g/t</u>
Total gold in solution	4.36g/t
Fire assay of solids residue after cyanidation	0.24g/t
Total gold measured after cyanidation	<u>4.60g/t</u> *

* <u>Note</u>: Ground in 0.1% Litharge. Test being repeated. Five leaches instead of three with no Litharge added.

Results from additional tests will be reported when completed.

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