

QUARTERLY REPORT 30 September 2009

NYOTA MINERALS LIMITED (ASX: NYO.ASX; AIM: NYO.L)

Highlights during the Quarter

Corporate

- Acceptances of the Company's takeover offer by 91.01% Minerva shareholders allowed the Company to close its offer and post quarter end move to 100% ownership of Minerva
- Company name changed to Nyota Minerals Limited
- Cash balance of GBP5 million at end of Quarter

Tulu Kapi Gold Project in Ethiopia

- Maiden JORC Resource of 690,000 ounces of gold at a cut off of 0.50g/t Au
- Commenced new field season exploration programme focussing on expansion of the existing JORC Resource
- Encouraging trenching results received for initial regional exploration including peak intersections of 8.18g/t Au over 14.2m, 3.77g/t Au over 3.0m and 1.34g/t Au over 6.90m

Muremera Nickel Project in Burundi

- Drilling commenced during the previous Quarter was completed with five of the seven holes intersecting separate sulphide-mineralised ultramafic bodies
- Drilling successfully intersected two styles of mineralisation believed necessary for the future discovery of nickel sulphide bodies

TULU KAPI MAIDEN JORC RESOURCE DEFINITION AND EXPLORATION PROGRAMME

Nyota Minerals completed the acquisition of 100% of the issued share capital of Minerva Resources plc (“Minerva”) from Minerva shareholders on 23 October 2009. This acquisition provided a low cost entry in to the Tula Kapi gold project in Ethiopia

On 14 September 2009, Nyota announced the conversion of historical drilling and assay data to a JORC compliant Maiden Resource of 690,000 ounces of gold at a 0.50g/t Au cut-off. This work was completed by Hellman & Schofield, acting as an independent consultant and Competent Person.

Modelling of the resource was completed at different cut-off grades. The relatively small reduction in total ounces of gold at elevated cut-offs suggests that a high rate of conversion from the current Inferred to an Indicated status can be achieved with future infill drilling. The Inferred resource at different cut-offs grades is:

Cut-off	Tonnes	Grade	Gold
(g/t Au)	(Mt)	(g/t Au)	(oz Au)
0.50	13.52	1.58	690,000
1.00	6.70	2.47	530,000
1.50	3.94	3.30	430,000

Figures for contained ounces have been rounded and include both primary and supergene resources. Significant figures used for tonnages and grades do not imply precision.

A contract has been signed with Geosearch International (“Geosearch”), a South African based drilling company for the delivery to site of a reverse circulation (“RC”) rig and a diamond drilling rig. These were dispatched from the Geosearch regional office in Tanzania and are travelling overland to Ethiopia. The contract requires Geosearch to complete an initial 10,000m of RC drilling and 2,000m of diamond drilling at the Tulu Kapi site. Drill pads and access roads are being established for the first phase of drilling. The initial programme will include some twinning of existing diamond drill holes, to check the veracity of RC samples and assay data, as well a programme designed to intersect the assumed up-dip extension to the Maiden JORC Resource. More than 20km of targets have been identified based on a combination of historical diamond drill data, trenching, gold in soil geochemical surveys and geological mapping.

The upcoming diamond drilling campaign will provide detailed geological and structural information over the most significant targets, all of which form contiguous extensions to the existing Maiden Resource.

The RC rig will follow the diamond drill campaign meaning it can be relocated to the next mineralised extension seamlessly. Assay and geological data generated by this process

will be fed back to the independent consultants responsible for resource estimation with a view to regularly adding to the global gold resource.

Regional exploration has also commenced on the Bila Gulliso and Yubdo Exploration licences, located adjacent to the Tulu Kapi Licence. Excellent results have been generated from trenching programmes with the Kobera and Soyoma Prospects returning particularly encouraging results. Detailed exploration on these two licences prior to the acquisition of Minerva, focussed on less than 15 per cent of the total surface area. Based on a preliminary assessment by Nyota, further discoveries are likely, supported by clear evidence of quartz vein outcrop, alteration and ideal regional structure.

Trenching of the Soyoma Prospect, situated at the southern end of the Bila Gulliso Licence has exposed a number of mineralised zones over a strike length of 300m. The zone remains open to both the north and south and includes the remnants of a 900m long shallow open cast small-scale mining operation from the 1930's. All of the new trenches excavated were placed outside of the former mining area and returned a peak grade of 8.18g/t Au over 14.2m.

Trench No	From (m)	To (m)	Metres (m)	Grade (g/t Au)
SOTR5A	1.00	3.50	2.50	2.02
	4.10	5.70	1.60	2.71
SOTR5B	0.00	4.00	4.00	0.59
SOTR6	0.00	14.20	14.20	8.18

Trench results for Soyoma trench programme

Trenching at Kobera, a prospect located in the NE quadrant of the Bila Gulliso licence exposed a broad zone of mineralisation over a strike length of 400m. The target remains open along strike. Of particular significance at Kobera was the presence of a large number of sub-parallel quartz veins with a sulphide association, albeit at low gold grades over substantial widths offering scope for bulk open cast potential. Further exploration is required to establish the extent of the mineralisation and the potential for improved grades at depth.

Trench No	From (m)	To (m)	Metres (m)	Grade (g/t Au)
KTR10	9.00	16.80	6.90	1.34
KTR11	3.00	6.00	3.00	1.23
KTR13	6.00	9.00	3.00	3.77
	9.80	11.80	2.00	1.11
KTR14	6.00	7.60	1.60	1.25

Nyota has employed an additional three geologists specifically to focus on regional exploration and target generation. Work will focus on extending the strike length of targets already identified by trenching and the delineation of new targets supplemented by Landsat imagery and detailed geological mapping. The objective remains to build a substantial number of targets for follow up drilling and to ensure that the entire licence areas have been prospected prior to the requirement to relinquish a portion of the total area at the time of licence renewal. There are a considerable number of drill targets in and around Tulu Kapi and no drilling of new regional targets is planned for the current exploration campaign.

As part of the exploration programme, the Company has purchased a fully equipped sample preparation facility from ALS Chemex Laboratories (“ALS”) in South Africa. ALS has dispatched the unit via Durban for delivery to the Tulu Kapi site. Once established, the facility will be staffed by qualified ALS personnel to ensure that sample preparation meets the required QAQC Standards. Sample pulps to be generated will be dispatched to the ALS laboratory in South Africa for assay. The reduction in sample size is expected to reduce transport costs and possibly speed up the turnaround of samples and assay results.

The Company has also entered into a contract with Geoscientific Mineral Resources for the delivery of multispectral satellite imagery as well as digital elevation and contour data, topographical mapping and structural interpretation covering the entire area currently held under licence. This data is expected to add considerably to the exploration programme, confirming some of the regional prospective trends already identified as well as generating new targets for follow up.

A Technical Review of the Tulu Kapi, Bila Gulliso and Yubdo Exploration licences was undertaken by independent consultant Venmyn Limited (“Venmyn”). Venmyn’s report was positive and demonstrated the following:

- The Tulu Kapi Project represents a highly prospective gold project;
- Provision of an independent confirmation that drilling, logging and sampling was carried out to a high standard;
- Numerous positive indications of mineralisation beyond the immediate area of Tulu Kapi offers good potential to add to the Project’s mineral resources

During the Quarter, Nyota has reviewed all available historical data for the Yubdo platinum licence held in Ethiopia.

MUREMERA EXPLORATION PROGRAMME UPDATE

Seven diamond drill holes for a total of 1,750.62 metres were completed during the Quarter over priority targets. The objective was primarily to test previously generated geophysical targets with the aim of refining the interpretation of geophysical data to aid future exploration for sulphide mineralisation.

Five of the 7 holes intersected sulphide mineralised ultramafic bodies and clearly identified the two styles of mineralisation considered essential for the discovery of economic quantities of sulphide nickel bodies. Exploration of this type is typically geophysically-led and the recent discoveries are considered highly significant.

The Directors are of the view that these discoveries are extremely encouraging and serve to strengthen the case for continued exploration at Muremera.

SWAZILAND

A project data compilation and review commenced during the quarter. No field work was undertaken during this period.

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Appendix 5B

Mining exploration entity quarterly report

Introduced 1/7/96. Origin: Appendix 8. Amended 1/7/97, 1/7/98.

Name of entity

NYOTA MINERALS LIMITED

ACN or ARBN

98 060 938 552

Quarter ended ("current quarter")

30 SEPTEMBER 2009

Consolidated statement of cash flows

	Current quarter \$A'000	Year to date (3 months) \$A'000
Cash flows related to operating activities		
1.1 Receipts from product sales and related debtors	86	86
1.2 Payments for (a) exploration and evaluation	(1,338)	(1,338)
(b) development	-	-
(c) production	-	-
(d) administration	(1,011)	(1,011)
1.3 Dividends received		
1.4 Interest and items of a similar nature received	79	79
1.5 Interest and other costs of finance paid		
1.6 Income taxes paid		
1.7 Other FOREX	(39)	(39)
Net Operating Cash Flows	(2,223)	(2,223)
Cash flows related to investing activities		
1.8 Payment for purchases of: (a)prospects		
(b)equity investments		
(c) other fixed assets	(180)	(180)
1.9 Proceeds from sale of: (a)prospects		
(b)equity investments		
1.10 Loans to other entities		
1.11 Loans repaid by other entities		
1.12 Other - Minerva takeover costs	(557)	(557)
Minerva cash acquired on takeover	73	73
Net investing cash flows	(664)	(664)
1.13 Total operating and investing cash flows (carried forward)	(2,887)	(2,887)

+ See chapter 19 for defined terms.

Appendix 5B
Mining exploration entity quarterly report

1.13	Total operating and investing cash flows (brought forward)	(2,887)	(2,887)
Cash flows related to financing activities			
1.14	Proceeds from issues of shares, options, etc.	137	137
1.15	Proceeds from sale of forfeited shares		
1.16	Proceeds from borrowings		
1.17	Repayment of borrowings		
1.18	Dividends paid		
1.19	Other – capital raising costs		
	Net financing cash flows	137	137
	Net increase (decrease) in cash held	(2,750)	(2,750)
1.20	Cash at beginning of quarter/year to date	13,019	13,019
1.21	Exchange rate adjustments to item 1.20	(1,114)	(1,114)
1.22	Cash at end of quarter	9,155	9,155

Payments to directors of the entity and associates of the directors

Payments to related entities of the entity and associates of the related entities

		Current quarter \$A'000
1.23	Aggregate amount of payments to the parties included in item 1.2	225
1.24	Aggregate amount of loans to the parties included in item 1.10	-

1.25 Explanation necessary for an understanding of the transactions

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Non-cash financing and investing activities

2.1 Details of financing and investing transactions which have had a material effect on consolidated assets and liabilities but did not involve cash flows

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+ See chapter 19 for defined terms.

- 2.2 Details of outlays made by other entities to establish or increase their share in projects in which the reporting entity has an interest

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Financing facilities available

Add notes as necessary for an understanding of the position.

	Amount available \$A'000	Amount used \$A'000
3.1 Loan facilities	Nil	Nil
3.2 Credit standby arrangements	Nil	Nil

Estimated cash outflows for next quarter

	\$A'000
4.1 Exploration and evaluation	1,000
4.2 Development	
4.3 Administration	500
Total	1,500

Reconciliation of cash

Reconciliation of cash at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts is as follows.	Current quarter \$A'000	Previous quarter \$A'000
5.1 Cash on hand and at bank	284	342
5.2 Deposits at call	8,839	12,645
5.3 Bank overdraft		
5.4 Other – rental bonds	32	32
Total: cash at end of quarter (item 1.22)	9,155	13,019

Changes in interests in mining tenements

	Tenement reference	Nature of interest (note (2))	Interest at beginning of quarter	Interest at end of quarter
6.1	Interests in mining tenements relinquished, reduced or lapsed			
6.2	Interests in mining tenements acquired or increased			

+ See chapter 19 for defined terms.

Appendix 5B
Mining exploration entity quarterly report

Issued and quoted securities at end of current quarter

Description includes rate of interest and any redemption or conversion rights together with prices and dates.

	Total number	Number quoted	Issue price per security (see note 3)	Amount paid up per security (see note 3)
7.1 Preference securities <i>(description)</i>	-	-		
7.2 Changes during quarter				
7.3 +Ordinary securities	223,828,625	188,583,777	N/A	N/A
7.4 Changes during quarter	5,000,000	5,000,000	\$0.11	\$0.11
(a) Increases through issues	30,244,848	30,244,848	1 for 5 takeover of Minerva Resources Plc	Fully paid
(b) Decreases through returns of capital, buy-backs				
7.5 +Convertible debt securities <i>(description)</i>		-		
7.6 Changes during quarter				
(a) Increases through issues				
(b) Decreases through securities matured, converted				
7.7 Options <i>(description and conversion factor)</i>	125,000	-	<i>Exercise price</i> \$0.52	<i>Expiry date</i> 30/6/2010
	500,000	-	\$0.31	30/6/2010
	5,800,000	-	\$0.11	30/9/2012
7.8 Issued during quarter	5,800,000	-	\$0.11	30/9/2012
7.9 Exercised during quarter			<i>Exercise price</i>	<i>Expiry date</i>
7.10 Expired (cancelled) during quarter				
7.11 Debentures <i>(totals only)</i>				
7.12 Unsecured notes <i>(totals only)</i>				

+ See chapter 19 for defined terms.

Compliance statement

- 1 This statement has been prepared under accounting policies which comply with accounting standards as defined in the Corporations Law or other standards acceptable to ASX (see note 4).
- 2 This statement does give a true and fair view of the matters disclosed.



Sign here: Date: 29 October 2009
Company Secretary
Print name: Michael Langoulant

Notes

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- 1 This quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity wanting to disclose additional information is encouraged to do so, in a note or notes attached to this report.
 - 2 The "Nature of interest" (items 6.1 and 6.2) includes options in respect of interests in mining tenements acquired, exercised or lapsed during the reporting period. If the entity is involved in a joint venture agreement and there are conditions precedent which will change its percentage interest in a mining tenement, it should disclose the change of percentage interest and conditions precedent in the list required for items 6.1 and 6.2.
 - 3 **Issued and quoted securities** The issue price and amount paid up is not required in items 7.1 and 7.3 for fully paid securities.
 - 4 The definitions in, and provisions of, *AASB 1022: Accounting for Extractive Industries* and *AASB 1026: Statement of Cash Flows* apply to this report.
 - 5 **Accounting Standards** ASX will accept, for example, the use of International Accounting Standards for foreign entities. If the standards used do not address a topic, the Australian standard on that topic (if any) must be complied with.

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