

#### Quarterly Report and Appendix 5B for the Period ended 31 March 2010

The Board is pleased to provide the following commentary to be read in conjunction with the Appendix 5B attached.

Issued Capital 598 M \* ASX Code NKP Closing price \$0.545\*

Market Cap \$326m \*

\* as at 31 March 2010

#### **Highlights**

- Positive initial Bankable Feasibility Study findings
- Upgrade of Garatau Resource Statement

#### Positive Initial Bankable Feasability Findings

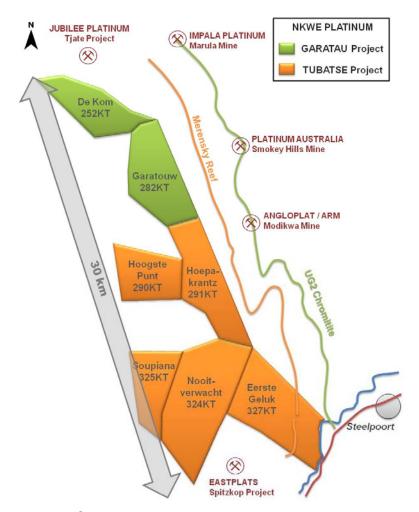
During the quarter, Nkwe Platinum Limited ("Nkwe" or "the Company") announced the initial findings of the bankable feasibility study ("BFS") on the Garatau Project.

The study was produced by leading South African based independent mining consultants led by TWP Projects ("TWP") and including MSA Geoservices, Knight-Piesold, SFA (Oxford), Coffey Mining, Mintek and Eurus, supplemented by input from Nkwe's technical management team.

The initial BFS findings were presented to the Nkwe Board by TWP and confirmed the robust nature of the project and the economic viability of its proposed development. The BFS estimates average production of between 240,000 and 400,000 tonnes per month with an initial mine life of + 40 years. Average life of mine cash costs of between US\$435/oz and US\$535/oz assuming a current 3PGM+Au basket price of approx. US\$1,200/oz.

Commenting on the BFS, Managing Director Maredi Mphahlele said "Management is very pleased with the results, in particular the positive operating cashflows and returns. Through the development of an initial operation focussed solely on the Merensky Reef and with a phased development of the UG2 Reef, there is considerable opportunity to further enhance the positive project economics and greatly accelerate project development."





#### Initial BFS Highlights

- Access by large diameter twin shaft system
- Mining of both the Merensky and UG2 Reefs
- Hybrid (semi-mechanised) mining methods
- Fully automated MF2 processing plant
- Plant recoveries: Merensky 84 87%, UG2 82 84%
- Mine construction in 2011
- Ramp up to steady state production by 2016
- Capital expenditure of between ZAR 6.5 billion and ZAR 8.3 billion these are the subject of the current optimisation process, which is expected to reduce initial capital estimates
- Greater control of initial project capital due to mining flexibility and sequencing of exploiting the two reefs concurrently or separately
- Cash operating costs (based on current exchange rates) of between US\$435/oz US\$535/oz
- 3PGM+Au price as at date of initial BFS findings (early February 2010)
   US\$1,184/oz (UG2 Reef) and US\$1,239/oz (Merensky Reef)



- Power, water and all other infrastructure requirements are catered for within existing or future regional development planning
- Within the total project area up to three large mining operations can be developed in phase within a single management and logistics structure

Fig 1 – Perspective view of mining complex



Subsequent to the release of the initial BFS findings, additional Value Engineering of the final BFS has been undertaken. This showed that it is feasible to sustain a production rate of a minimum 300,000tpm ROM ore without significant changes to the planned infrastructure. This has the potential to readjust unit mining costs to below \$350/oz.

The final metallurgical testwork also indicated that it is feasible to process the Merensky and UG2 ores together in one plant. One single 300,000tpm concentrator has the potential to save approximately \$50million in capital costs and to decrease the plant operating cost by more than 10%. These efficiencies will be built into the final BFS to be completed during May 2010.

The 3PGM+Au basket price has increase significantly since the initial BFS findings to

UG2	US\$1,335 oz (previously US\$1,184 oz)	12.7% increase
Merensky	US\$1,382 oz (previously US\$1,239 oz)	11.5% increase



#### **Operations**

### **Garatau Project**

As part of the BFS and Nkwe's ongoing exploration programme, an updated resource statement was completed for the Garatau Project during the quarter. Key highlights of the updated resource include:

- The Garatau Project resource upgraded to 14.2Mozs of Measured Resources and 9.1Mozs of Inferred Resources
- Resource upgrade is based on assays from approximately 10,000m of additional drilling
- An approximate 300% increase in Measured Resources (from 4.5Mozs 3PGE+Au to 14.2Mozs 3PGE+Au)
- Over 60% of total resources are now in a Measured category
- The additional drilling highlighted a lower grade area in the north west portion of the Garatau Project, resulting in a minor decrease of average resource grade of Merensky Reef (4.74 g/t to 4.40 g/t). The lower grade area lies outside of the first 20 years of mining contemplated in the BFS

A summary of the upgraded resource statement is included in Table 1.

Table 1 - Garatau Project - Mineral Resource

	Tonnage after Geological Loss (M)	Mining cut (m) *	Estimated 4E Bulked Grade (g/t)	4E Metal Content (Moz) **
	, ,	MEASURED		
Merensky Reef	42.7	1.20	4.40	5.9
UG2 Reef	48.1	1.20	5.35	8.3
Total Measured	90.7			14.2
		INFERRED		
Merensky Reef	27.0	1.20	4.40	3.8
UG2 Reef	30.5	1.20	5.35	5.2
Total Inferred	57.5			9.1
		TOTAL		
TOTAL	148.2	1.20	4.90	23.3

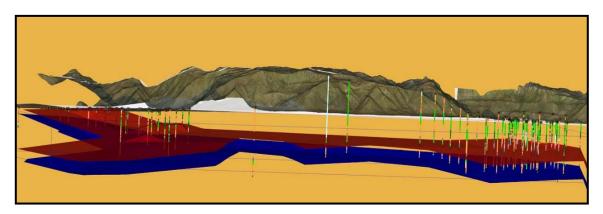
<sup>\*</sup> The widths are intended mining cuts, and the estimated resources are thus *mineable* resources, and not *in situ* resources.

\*\* Geological loss of 20% applied to tonnages for recoverable ounces – loss estimates are based on the few disturbances observed in borehole intersections and on geophysical observations.

Drilling to increase the Measured Resource continued on the Garatau Project with 6 boreholes completed which cover over 8,200 metres of drilling.



Fig 2 - 3D cross section of the Garatau / Tubatse Project (showing drill holes completed with reef intersections



### **Tubatse Project**

During the quarter, drilling also continued on the Tubatse Project, on the Farm Hoepakrantz. Six boreholes were completed which cover just over 6,000 meters of drilling. To date the Tubatse Project has an Inferred Mineral Resource of 45.3Moz 3PGE+Au (JORC compliant) across the three properties, Eerste Geluk, Nooitverwacht and Hoepakrantz. The inferred resource includes both the Merensky and UG2 horizons across these three farms.

The current Mineral Resource statement for the Tubatse Project is given in Table 2.

Table 2 – Tubatse Project – Mineral Resource Statement

	Discounted (20%) Resource Tonnage (Mt)	Bulked Width (m)	Grade (3PGE+Au g/t)	3PGE+Au Ounces (Moz)
EERSTE GELUK / NOOITVERWACHT				
Merensky Inferred UG2	54.49	1.22	5.03	7.75
Inferred	48.09	0.68	8.17	12.62
HOEPAKRANTZ				
Merensky Inferred	98.73	1.98	4.13	13.11
UG2 Inferred	57.67	1.00	6.35	11.77
Total / average	258.98			45.25



#### **Pilanesberg Project**

The project consists of two properties, Rooderand and Ruighoek which are advanced stage exploration projects.

Rooderand is located on the north-western rim of the Pilanesberg National Park and successful exploration during 2006 increased the JORC compliant resource to 36.7m Mt @ 3.8 g/t for 4.5Moz (3PGM+Au), geologically discounted. A new order prospecting right has been issued on this project.

#### Corporate

Phase II of the Morningstar transaction is underway with the Section 11 application progressing through the South African regulatory system, which will see Morningstar acquiring 3 Eastern Limb exploration projects from Nkwe – Kliprivier, Tinderbox and Ghost Mountain, whilst Nkwe retains an equity interest in Morningstar.

A recently released research note on Nkwe by DJ Carmichael is available on the Company website – <a href="https://www.nkweplatinum.com">www.nkweplatinum.com</a>



Peter Landau
Executive Director / Joint Company Secretary

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Staff Sithole
Joint Company Secretary

The geological information in this announcement has been prepared by Mr Andre van der Merwe, Operations Manager and geologist with 21 years experience in the minerals industry. Mr van der Merwe has sufficient experience which is relevant to the style of the mineralisation and type of deposit under consideration and is registered as Pr. Sci. Nat. under the South African Council for Natural Scientific Professions. He is also a member of the AusIMM. He qualifies as a Competent Person as defined in the 2004 Edition of the Australasian Code for Reporting for Exploration Results, Minerals Resources and Ore Reserves (the JORC Code). This report accurately reflects the information compiled by Mr van der Merwe. Mr van der Merwe has consented to the inclusion of this information in the form and context in which it appears in this report.

The information in this report that relates to initial 20.4Moz Mineral Resources for the Tubatse Project is based on a resource estimate completed by Mr Nico Denner who is employed by Geological and Mine Evaluation Computer Services. Mr Denner is a Geologist with 14 years experience in the South African Mining Industry and sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and the Ore Reserves. Mr Denner is registered as Pr. Sci. Nat. under the South African Council for Natural Scientific Professions. Mr Denner consents to the inclusion of this information in the form and context in which it appears in this report.

The information in this report that relates to upgraded 24.88Moz Mineral Resources for the Tubatse Project is based on a resource estimate completed by Mr Andy Clay who is employed by Venmyn. Mr Clay is a Geologist with 12 years experience in the South African Mining Industry and sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and the Ore Reserves. Mr Clay is registered as Pr. Sci. Nat. under the South African Council for Natural Scientific Professions. Mr Clay consents to the inclusion of this information in the form and context in which it appears in this report.

The information in this report that relates to Mineral Resources for the Garatau Project is based on a resource estimate completed by Dr Carina Lemmer who is employed by Geological & Geostatistical Services. Dr Lemmer is a Geostatistician with 33 years experience in the Mining Industry and sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which she is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and the Ore Reserves. Dr Lemmer is registered as Pr. Sci. Nat. under the South African Council for Natural Scientific Professions, a Fellow of the South African Geological Society and a Member of the Geostatistics Association of South Africa. Dr Lemmer consents to the inclusion of this information in the form and context in which it appears in this report.



All Mineral Resources stated in this Quarterly Report are in accordance with the requirements of the JORC Code (2004) For further information please contact:

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#### **About Nkwe**

Nkwe Platinum's main Tubatse and Garatau Projects consist of five contiguous farms with a strike length of more than 30km. These Projects are located in an established mining district with well developed infrastructure. It borders Anglo Platinum's Modikwa Joint Venture to the east, Implat's Marula mine to the north and Eastplat's Spitzkop – Kennedy's Vale project in the south. In ongoing exploration, Nkwe has delineated a Mineral Resource of 68.6 Moz 3PGM+Au across the Tubatse and Garatau Project areas (JORC compliant), including 14.2 Moz of measured resource on the Garatau Project area.

Nkwe Platinum's Tubatse and Garatau Projects have a surface footprint of more than 10,500 hectares, underlain by both the Merensky Reef and UG2 chromitite seam from surface to a depth of 1,500m.

Nkwe is currently conducting a Feasibility Study on the Garatau Project Area in the north, with exploration continuing on both its Garatau and Tubatse Project Area in the south. The company's view is to develop two mines with a combined annual production of around 800,000 ozs of PGM from a targeted mineralisation base in excess of 100 Moz 3PGM+Au. The potential size and quality of Nkwe's PGM assets make it possible for Nkwe to become an independent PGM producer and strategically utilize independent or joint ventured smelting and refining capabilities.



# **Appendix 5B**

# Mining exploration entity quarterly report

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

Name	of	entity
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NKWE PL	ATINUM LIMITED		

ACN or ARBN

105 979 646

Quarter ended ("current quarter")

31 March 2010

## Consolidated statement of cash flows

Cash	flows related to operating activities	Current quarter \$A'000	Year to date (9 months) \$A'000
1.1	Receipts from product sales and related debtors	-	-
1.2	Payments for  (a) exploration and evaluation (b) development (c) production (d) administration	(2,462) - - (560)	(13,792) - - (2,843)
1.3	Dividends received	-	-
1.4	Interest and other items of a similar nature received	96	378
1.5	Interest and other costs of finance paid	-	(7)
1.6	Income taxes paid	-	-
1.7	Other (provide details if material)  Net expenditure paid on behalf of Genorah	(285)	220
	The experience paid on borian or contrain	(200)	
	Net Operating Cash Flows	(3,211)	(16,044)
Cash	flows related to investing activities		
1.8	Payment for purchases of: (a)prospects (b)equity investments	-	(10,017)
1.9	(c) other fixed assets Proceeds from sale of: (a)prospects (b)equity investments (c)other fixed assets	(4)	(8) - - -
1.10	Loans to other entities	-	-
1.11	Loans repaid by other entities	-	-
1.12	Other (provide details if material)	-	-
	Net investing cash flows	(4)	(10,025)
1.13	Total operating and investing cash flows (carried forward)	(3,215)	(26,069)

		Current quarter \$A'000	Year to date (9 months) \$A'000
1.13	Total operating and investing cash flows (brought		
	forward)	(3,215)	(26,069)
Cash	flows related to financing activities		
1.14	Proceeds from issues of shares, options, etc.	78	26,140
1.15	Proceeds from sale of forfeited shares	-	-
1.16	Proceeds from borrowings	-	-
1.17	Repayment of borrowings	-	-
1.18	Dividends paid	-	-
1.19	Issue expenses	(45)	(1,541)
	Net financing cash flows	33	24,599
	Net increase (decrease) in cash held	(3,182)	(1,470)
1.20	Cash at beginning of quarter/year to date	5,542	4,204
1.21	Exchange rate adjustments to item 1.20	(303)	(677)
1.22	Cash at end of quarter	2,057 *	2,057 *
* Dc	pes not include US\$10m option fee from Xstrata due Q2 201	0 and LIS\$5m in receivables	

<sup>\*</sup> Does not include US\$10m option fee from Xstrata due Q2 2010 and US\$5m in receivables

# 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	351
1.24	Aggregate amount of loans to the parties included in item 1.10	Nil

1.25 Explanation necessary for an understanding of the transactions

Director Fees	\$162k	
Financial/Company Secretarial/Office Support Services	\$189k	

# 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

Nil	_	_		•

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

Nil			

# Financing facilities available

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

# Estimated cash outflows for next quarter

	Total	2,500
4.2	Development	-
4.1	Exploration and evaluation	\$A'000 2,500

# **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	2,057	2,057
5.2	Deposits at call	-	-
5.3	Bank overdraft	-	-
5.4	Other (provide details)	-	-
	Total: cash at end of quarter (item 1.22)	2,057	2,057

# Changes in interests in mining tenements

		Tenement reference	(note (2))	beginning of quarter	of quarter
6.1	Interests in mining tenements relinquished, reduced or lapsed	N/A	N/A	N/A	N/A
6.2	Interests in mining tenements acquired or increased	N/A	N/A	N/A	N/A

# 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 (description)	-	-	-	-
7.2	Changes during quarter (a) Increases through issues (b) Decreases through returns of capital, buy-backs, redemptions	-	-	-	-
7.3	+Ordinary securities	597,627,684	597,627,684	N/A	N/A
7.4	Changes during quarter (a) Increases through issues	-	-	NA	NA
	(b) Decreases through returns of capital, buy-backs	-	-	NA	NA
7.5	+Convertible debt securities (description)	-	-	-	-
7.6	Changes during quarter (a) Increases through issues (b) Decreases through securities matured, converted	-	-	-	-
7.7	Options (description and conversion factor)	15,000,000 50,672,387 <u>44,079,502</u> 109,751,889	- - <u>44,079,502</u> 44,079,502	Exercise price \$0.90 \$0.90 \$0.35	Expiry date 30/06/2010 31/12/2010 31/08/2011
7.8	Issued during quarter	-	-	-	-
7.9	Exercised during quarter	-	-	-	-
7.10	Expired during quarter	-	-	-	-
7.11	Debentures (totals only)	-	-	-	-
7.12	Unsecured notes (totals only)	-	-	-	-

# **Compliance statement**

- 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: 30 April 2010

Company Secretary

Print name: Peter Landau

### **Notes**

- 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.
- 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.
- 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.
- The definitions in, and provisions of, AASB 1022: Accounting for Extractive Industries and AASB 1026: Statement of Cash Flows apply to this report.
- 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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