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Kryso Resources plc

('Kryso' or 'the Company')

Pakrut Gold Project Resource Update Increases Total JORC Resources to 2,830,104 oz Au

- Increase of approximately 43% in Pakrut's total JORC Code-compliant resources
- Further increase expected once all results from 2009 drilling are incorporated
- Measured & Indicated resources increased by 165,751 oz Au

Kryso Resources plc (AIM: KYS), the gold exploration and development company that is advancing its Pakrut gold project in Tajikistan through a bankable feasibility study (BFS), is pleased to announce that GeoLogix Mineral Resource Consultants (Pty) Ltd (GeoLogix) has completed an updated JORC Code-compliant resource estimate for Pakrut.

#### Pakrut Gold Project – JORC Code-Compliant Resource Summary

##### Total

Cut-off (Au g/t)	Tonnes (metric)	Au (g/t)	Au (oz)
0.5	36,029,076	2.44	2,830,104
1.0	32,119,081	2.64	2,725,368
3.0	8,391,870	5.08	1,369,482

##### Measured

Cut-off (Au g/t)	Tonnes (metric)	Au (g/t)	Au (oz)
0.5	11,152,663	2.62	940,745
1.0	9,997,240	2.83	909,802
3.0	2,665,946	5.56	476,847

##### Indicated

Cut-off (Au g/t)	Tonnes (metric)	Au (g/t)	Au (oz)
0.5	5,838,129	2.09	392,795
1.0	4,799,435	2.37	365,199
3.0	861,179	5.23	144,765

##### Measured + Indicated

Cut-off (Au g/t)	Tonnes (metric)	Au (g/t)	Au (oz)
0.5	16,990,792	2.44	1,333,539
1.0	14,796,675	2.68	1,275,000
3.0	3,527,126	5.48	621,613

Inferred Cut-off (Au g/t)	Tonnes (metric)	Au (g/t)	Au (oz)
0.5	19,038,283	2.45	1,496,564
1.0	17,322,406	2.60	1,450,367
3.0	4,864,744	4.78	747,869

Dr. Trevor Davenport, Non-Executive Chairman and acting Managing Director of Kryso, comments:

'I am very pleased to see such a major increase in Pakrut's total JORC Code-compliant resources, and we expect to achieve a further increase in the first half of next year following the incorporation of additional results from this year's drilling into the resource.'

#### About the Pakrut Gold Project

The Pakrut gold project, of which Kryso has 100% ownership, is situated in Tajikistan approximately 112 km northeast of the capital city Dushanbe.

Pakrut has total JORC Code-compliant gold resources of 2,830,104 oz Au (assuming a cut-off grade of 0.5g/t Au) and is located within the Tien Shan gold belt, which extends from Uzbekistan into Tajikistan, Kyrgyzstan and western China, and which hosts a number of multi-million ounce gold deposits.

Drilling at Pakrut has previously returned numerous exciting intersections, including 123.7m at 6.14g/t Au, 42m at 11.17g/t Au and 50m at 5.67g/t Au.

A bankable feasibility study for the Pakrut project is currently being undertaken by the Beijing General Research Institute of Mining & Metallurgy. The bankable feasibility study is targeted for completion before the end of 2009.

An internal prefeasibility study completed in 2008 envisaged a mining operation at Pakrut producing in excess of 100,000oz Au per annum with cash costs of approximately US\$300/oz Au.

#### About Tajikistan

Tajikistan is a secular republic located in Central Asia. The country is a member of the Commonwealth of Independent States (CIS) and the Shanghai Cooperation Organisation. Tajikistan hosts numerous operating precious metal mines as well as the largest aluminium smelter in Central Asia. Kryso's management team has extensive experience in the mining industry in Tajikistan.

For further information please visit the Company's website ([www.kryso.com](http://www.kryso.com)) or contact:

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## Notes

The Mineral Resource, as defined by the 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code), estimated by GeoLogix has been tabulated above block model cut-offs of 0.5g/t Au, 1.0g/t Au and 3.0g/t Au. The resource has been classified as Measured, Indicated and Inferred according to the JORC Code and is based on mineralization interpretations and data supplied by Kryso.

The data used for the resource estimation is comprised of diamond drilling, surface trenching and channel sampling. GeoLogix has reviewed the drilling and sampling data underlying the resource estimate and can verify that the data is of sufficient quality to support the resource classifications applied.

The ordinary kriging and inverse distance cubed estimators were used to estimate gold grade into a wire-framed volume model filled with orthogonal blocks reflecting the interpreted geology. Where appropriate, grade capping was applied prior to estimation. Search ellipses and ranges used in the estimation reflect the spatial continuity and the mineralization trends of each of the four mineralized domains.

GeoLogix has based the resource classification upon a number of criteria, including the geological confidence, the integrity of the data, the spatial continuity of the mineralization as demonstrated by variography, and the quality of the estimation. The parts of the resource that were estimated by utilizing half the distance of the variogram range, above 400m below surface and estimated with a minimum of 10 samples have been classified as Measured. The parts of the resource model that were estimated up to the distance of the variogram range, above 400m below surface and estimated with a minimum of 5 samples have been classified as Indicated. All other areas of the resource and in some cases where the data density is deemed too low have been classified as Inferred Resources. An average in situ density of 2.57 t/m<sup>3</sup> has been applied to the oxidized zone of the mineralization and 2.62 t/m<sup>3</sup> has been applied to the fresh zones of the mineralization. The in situ density values reflect the average value of the determinations made from the diamond core collected by Kryso.

The information in this report that relates to Mineral Resources as defined under the JORC Code is based on information compiled by Mr Deon van der Heever, Mr Dave Briggs and Dr. Trevor Davenport.

Mr Deon van der Heever (Pr.Sci.Nat) is the Executive Director of GeoLogix and produced the resource estimate based upon the interpretations provided by Kryso. Mr Van der Heever has sufficient experience relevant to the type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined under the JORC Code. Mr Van der Heever consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Mr Dave Briggs (Pr.Sci.Nat) is a Director of GeoLogix and contributed in producing the resource estimate based upon the interpretations provided by Kryso. Mr Briggs has sufficient experience

relevant to the type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined under the JORC Code. Mr Briggs consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Dr. Trevor Davenport (B.Sc, M.Sc, Ph.D, MIMM, C.Eng) is Non-Executive Chairman and acting Managing Director of Kryso Resources plc and provided geological interpretations and the drillhole and trench database for Mineral Resource estimation. Dr. Davenport has sufficient experience relevant to the style of mineralization and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined under the JORC Code. Dr. Davenport consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

## Glossary

Au - The chemical symbol for gold.

Bankable feasibility study - A study of the economic viability of the mining and production of base or precious metals or other minerals in such form and containing such detail as is customarily required by a bank or other financial institution engaged in mining project finance to enable it to determine whether to finance the development of a commercial mining operation.

Cut-off grade - The grade used to separate ore and waste such that only material classified as ore will be treated in order to recover the economic metal or mineral of interest.

Grade g/t - Grams per tonne.

Jack-Knifing Analysis - A general non-parametric method for estimation of the bias and variance of a statistic using only the sample itself.

JORC Code - The 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves.

Kriging - A statistical technique used with variograms, or two-point statistical functions that describe the increasing difference or decreasing correlation between sample values as separation between them increases, to determine the value of a point in a heterogeneous grid from known values nearby.

m - Metre.

oz - Troy ounce.

Resource - An estimated tonnage and grade of mineralisation in the ground.

t - Metric tonne.

Variogram - A two-point statistical function that describes the increasing difference or decreasing correlation or continuity between sample values as separation between them increases.