



KLONDEX MINES LTD. *NEWS*

For Immediate Release

Klondex Initiates Step-Out and Infill Drilling of High Grade Gold Targets in Nevada

Vancouver, BC – June 22, 2010 – Klondex Mines Ltd. (TSX: KDX), is very pleased to announce details on its summer drill program. Blane Wilson commented, “We are incredibly excited to initiate drilling on some of the most prospective targets identified by last year’s exploration program. Our Multi-Method Geophysical Survey completed last summer indicated several new targets that may offer the possibility of an increase to our 43-101 compliant resource. We look forward to reviewing the data generated with this summer’s program.”

Drilling will commence under the direction of Richard Kern and will focus on step-out drilling through the use of RC and Core. This program will enable KDX to begin the process of including the southern extension in our underground development plans and also work towards adding gold ounces to the already impressive 1.6 million indicated ounces and 0.5 million inferred ounces. In an effort to complement our underground plans we also plan to initiate some strategic infill drilling. This will allow us to show vein continuity and generate further metallurgical testing as we prepare for underground mine development later this year and initial bulk sampling in 2011. We anticipate the first rig will arrive on site June 28th and commence work shortly thereafter.

A map showing the planned holes is available at www.klondexmines.com/s/News.asp.

About Klondex Mines (<http://www.klondexmines.com>):

Klondex Mines Ltd. is focused on bringing into initial production, via bulk sampling, its 100% owned high-grade Fire Creek gold deposit in North Central Nevada. Fire Creek is a compelling mining prospect that is well located near power, transportation, mining infrastructure and several milling facilities.

ON BEHALF OF KLONDEX MINES LTD.

“William Solloway” President

Investor Contacts:

Bryson Goodwin
Klondex Mines Ltd.
brysongoodwin@shaw.ca
(604) 341-1531

David Collins
Jaffoni & Collins
KDX@jcir.com
(212) 835-8500

9

10

11

12

16

15








14

21

22

23

24

-  Proposed RC Hole
-  Proposed Core Hole
-  Proposed IP RC Hole Outside POO
-  Existing Drill Hole
-  IP Anomaly
-  Resource Boundary
-  POO Boundary



T. 30 N. R. 47 E.

KLONDEX MINES LTD.
FIRE CREEK PROJECT
Proposed Drilling
RRK 06/10

