

Emerging Intermediate Gold Producer





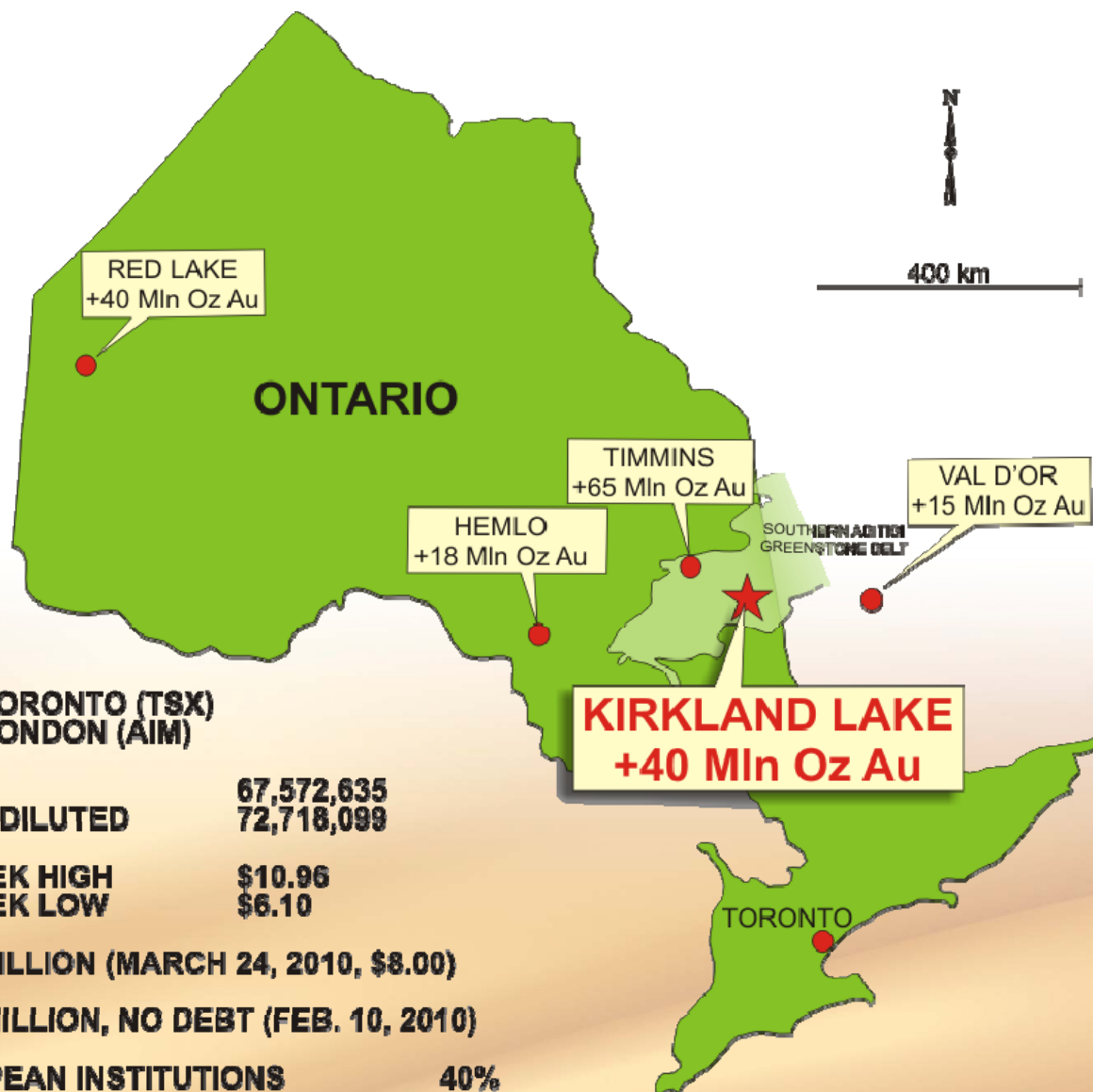
Kirkland Lake Gold Inc.

Cautionary Note Regarding Forward Looking Statements

This Press Release may contain statements which constitute 'forward-looking statements' within the meaning of the Private Securities Litigation Reform Act of 1995 of the United States of America, including statements regarding the plans, intentions, beliefs and current expectations of the Company, its directors, or its officers with respect to the future business activities and operating performance of the Company. The words "may", "would", "could", "will", "intend", "plan", "anticipate", "believe", "estimate", "expect" and similar expressions, as they relate to the Company, or its management, are intended to identify such forward-looking statements. Investors are cautioned that any such forward-looking statements are not guarantees of future business activities or performance and involve risks and uncertainties, and that the Company's future business activities may differ materially from those in the forward-looking statements as a result of various factors. Such risks, uncertainties and factors are described in the Company's periodic filings with the Securities and Exchange Commission, including the Company's annual report on Form 20-F and current report on Form 6-K, which may be viewed on EDGAR at www.sec.gov, and its periodic filings with the Canadian securities regulatory authorities, including the Company's Annual Information Form and quarterly and annual Management's Discussion & Analysis, which may be viewed on SEDAR at www.sedar.com. Should one or more of these risks or uncertainties materialize, or should assumptions underlying the forward-looking statements prove incorrect, actual results may vary materially from those described herein as intended, planned, anticipated, believed, estimated or expected. Although the Company has attempted to identify important risks, uncertainties and factors which could cause actual results to differ materially, there may be others that cause results not be as anticipated, estimated or intended. The Company does not intend, and does not assume any obligation, to update these forward-looking statements.



Kirkland Lake Gold Profile



LISTINGS:

KGI - TORONTO (TSX)
KGI - LONDON (AIM)

SHARES OUTSTANDING:

BASIC	67,572,635
FULLY DILUTED	72,718,099

RECENT:

52 WEEK HIGH	\$10.96
52 WEEK LOW	\$6.10

MARKET CAPITALIZATION: \$550 MILLION (MARCH 24, 2010, \$8.00)

CASH BALANCE: C\$65 MILLION, NO DEBT (FEB. 10, 2010)

OWNERSHIP:

EUROPEAN INSTITUTIONS	40%
NORTH AMERICAN INSTITUTIONS	21%
MANAGEMENT AND DIRECTORS	27%
RETAIL	12%



Corporate Strategy: Develop + 5 Million High Grade Ounces & Expand Production

- South Mine Complex (SMC) Discovery Holes:
 - New South discovery hole 90.4 ft @ 2.30 oz/t & follow-up hole 124 ft @ 1.43 oz/t
 - Lower D North Hole Intersects 50 ft @ 5.57 oz/t
- Production Expansion Requires Relatively Low Capital Expenditures
 - Increase hoist capacity using existing shaft
 - No mill expansion required
- Increase annual gold production and lower costs by mining the SMC
 - Target 90,000-100,000 oz pa by 2011
 - Target 1800,000-200,000 oz pa by 2013

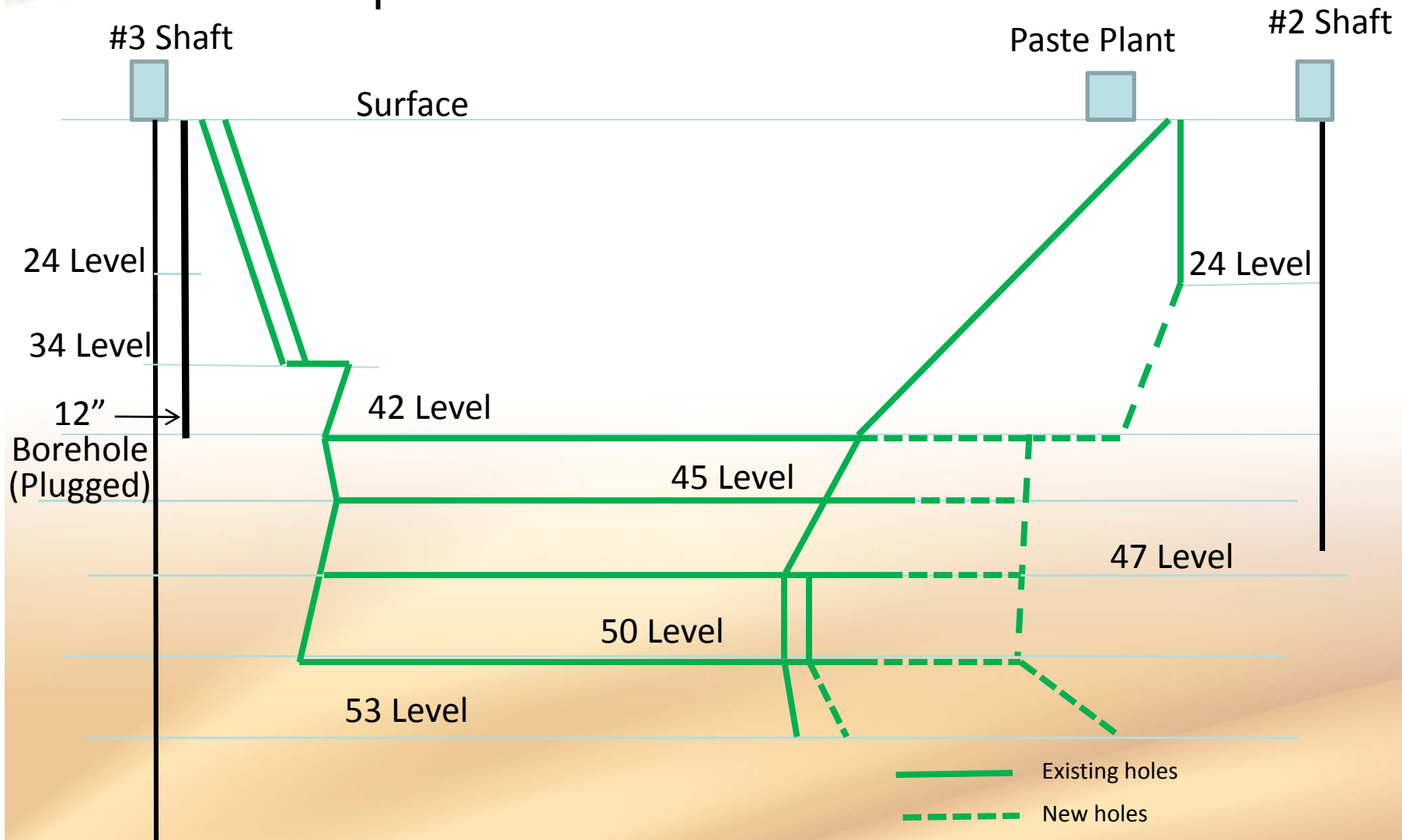


New Development Strategy

- Mark Tessier joins as VP Operation Sept 2008; now Chief Operating Officer and Director
 - Tessier responsible for underground Mine at Red Lake overseeing 2,800,000 oz of gold production – annual production from 60,000 ounces to over 600,000 ounces
 - KGI mandate to build gold production, lower costs in two successive 18 month projects Phase 1 and 2
- Phase 1 – Build production from the High Grade South Mine Complex and Main Break to 700 - 800 tons
 - Ore production from Main Mine to 250 tons per day
 - Total ore production to increase to >550 tons per day
- Phase 2 – Build Ore Production to 1,200 – 1,400 tons Per Day
 - South Mine Complex to produce 700 tons per day
 - Main Mine 500 tpd



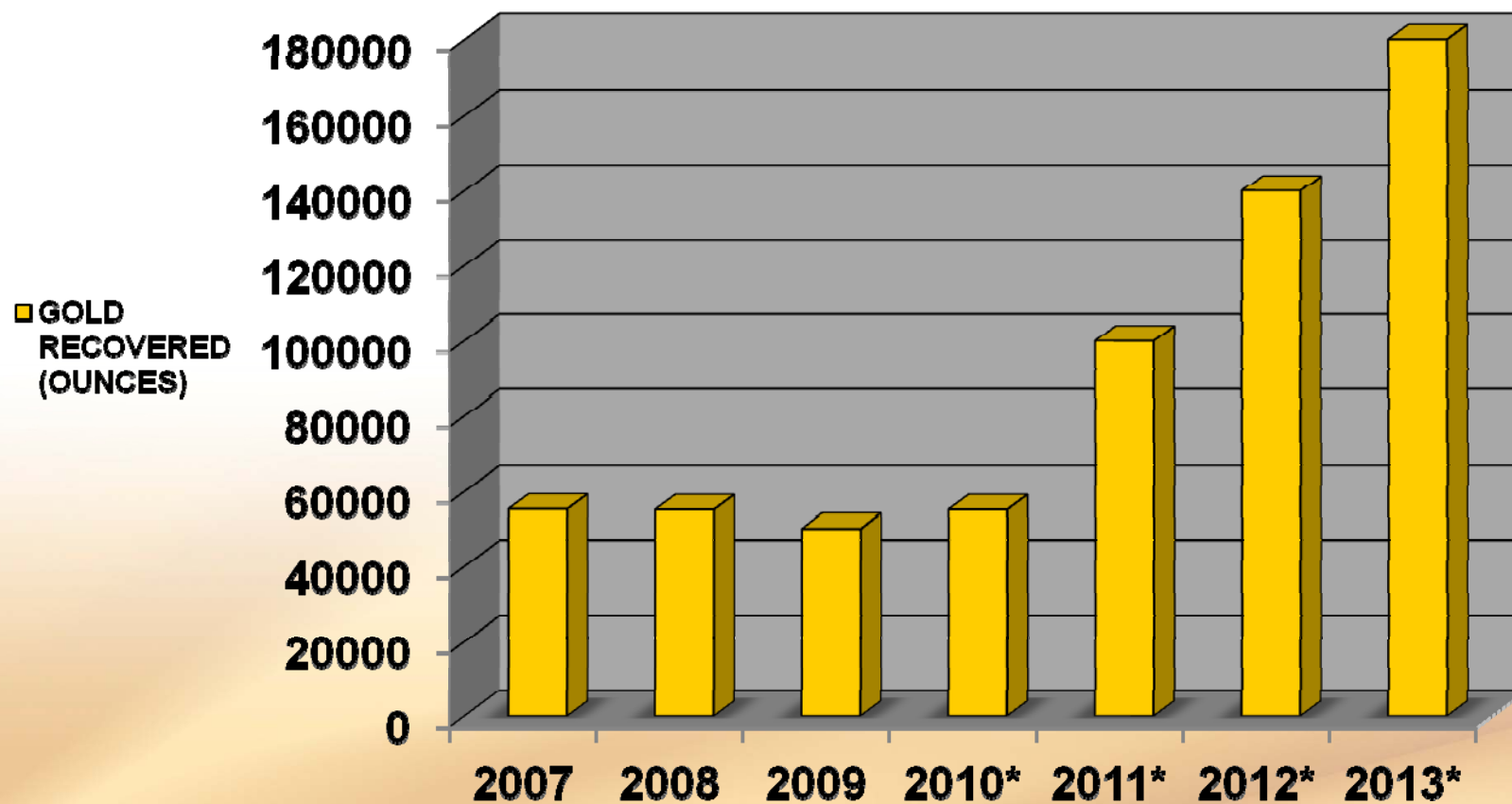
3 New Pastefill Holes Drilled and Operational





New Production Forecast

ANNUAL PRODUCTION AND FORECAST

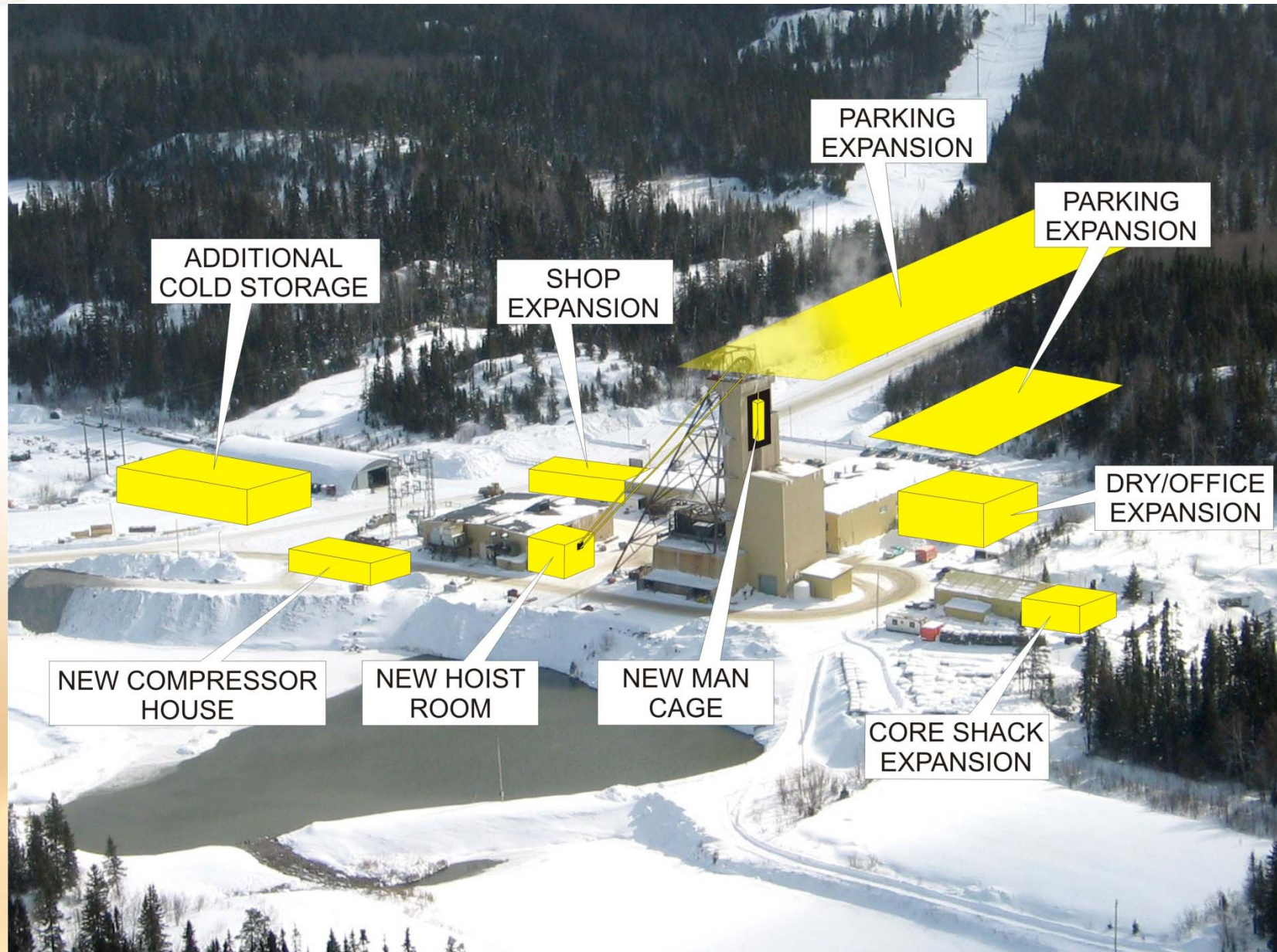


* Projected

Fiscal Year Ends April 30th

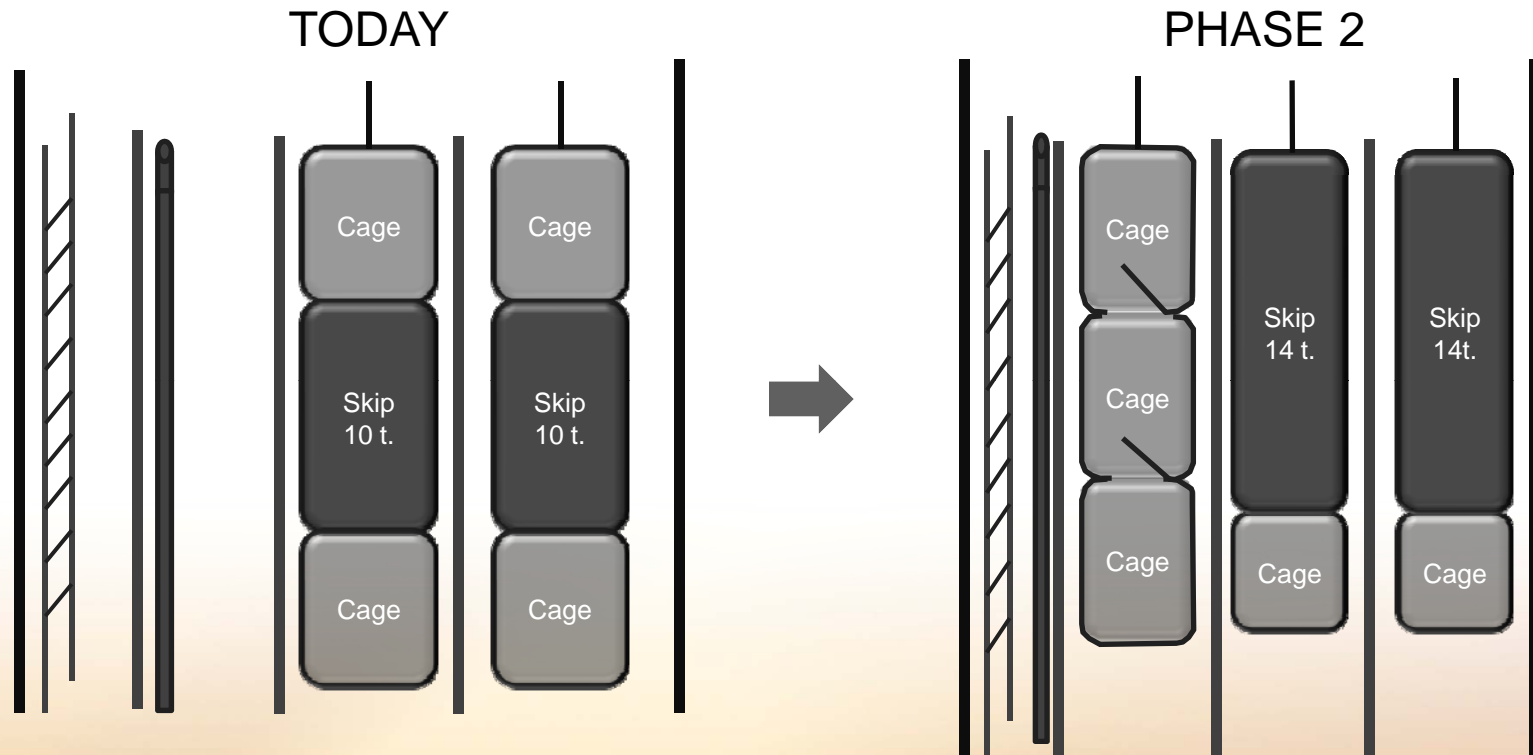


Hoist and Manpower Expansion





Hoisting to 3,600 Tons Phase 2



TODAY'S CONFIGURATION

- 8 hours/day
 - 13 skips/hour
 - 10 tons/skip
- 1,000 tons / day

NEW CONFIGURATION (PHASE 2)

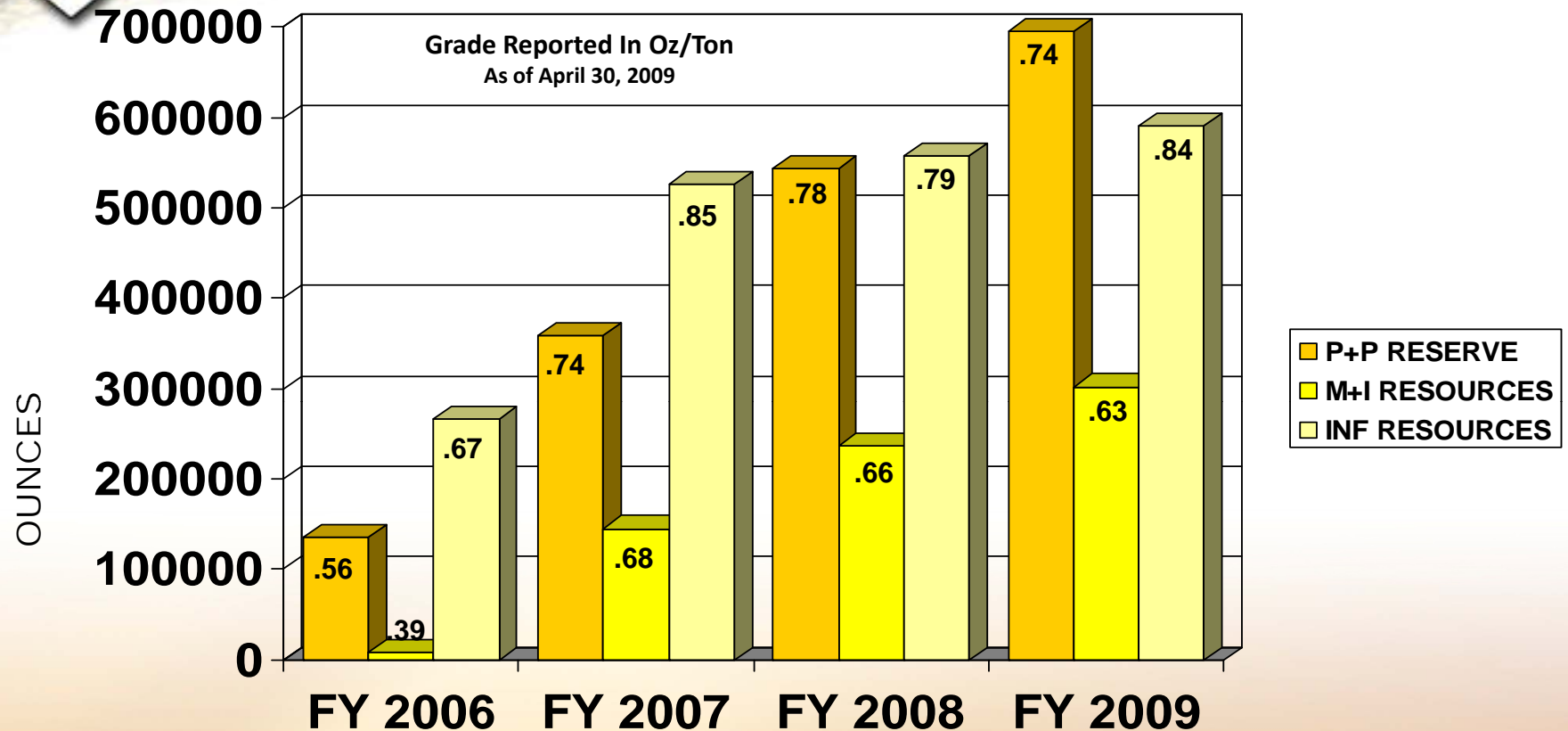
- 20 hours/day
 - 13 skips/hour
 - 14 tons/skip
- 3,600 tons / day



Mill Capacity 1,450 TPD; Minimal
Capex Required



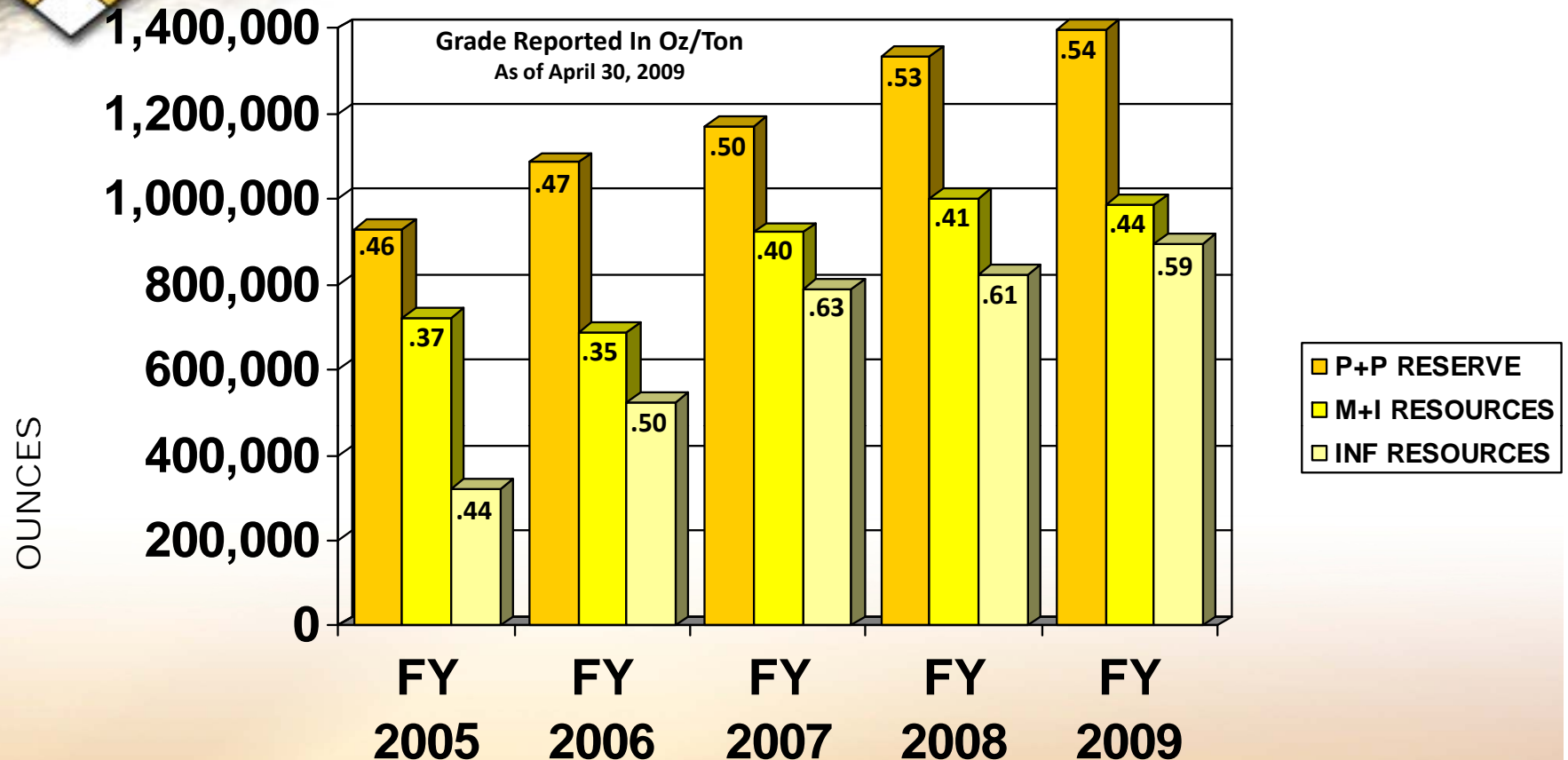
South Mine Complex Reserve/Resource "New Mine"



Category (FY 2009)	Tons	Grade	Ounces
Proven	118,000	0.70	83,000
Probable	817,000	0.75	613,000
Measured	7,000	0.37	3,000
Indicated	468,000	0.64	299,000
Inferred	704,000	0.84	590,000

See Kirkland Lake news release dated July 15th, 2009, a copy of which has been filed on SEDAR for further particulars. The contents of the above slide have been verified and approved by the Company's Chief Exploration Geologist, Stewart Carmichael, P. Geo., a "qualified person" for the purpose of National Instrument 43-101. Standards of Disclosure for Mineral projects.

Mine Wide Reserve/Resource Growth

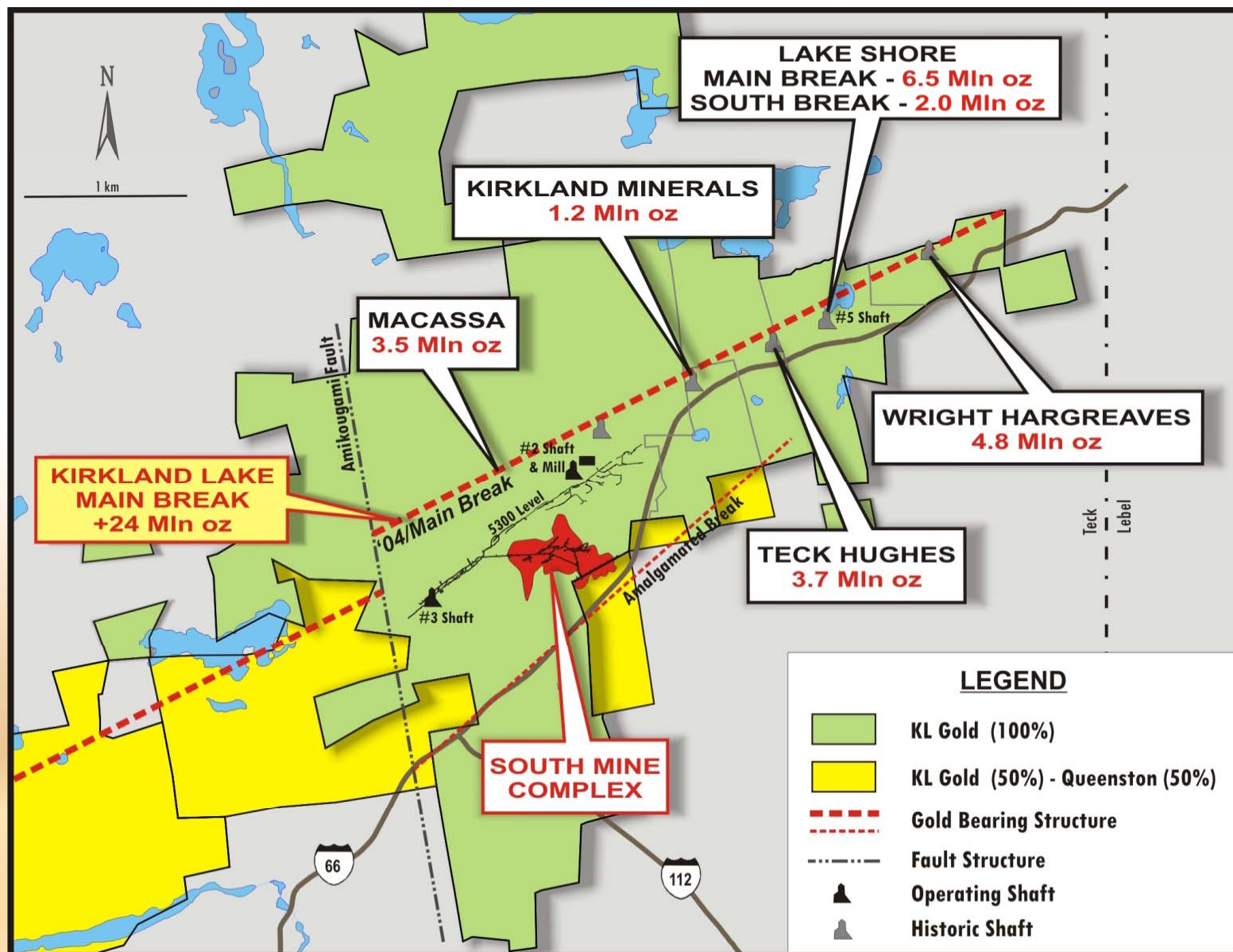


Category (FY 2009)	Tons	Grade	Ounces
Proven	1,137,000	0.44	499,000
Probable	1,426,000	0.63	897,000
Measured	950,000	0.39	368,000
Indicated	1,309,000	0.47	619,000
Inferred	1,516,000	0.59	894,000

See Kirkland Lake news release dated July 15th, 2009, a copy of which has been filed on SEDAR for further particulars
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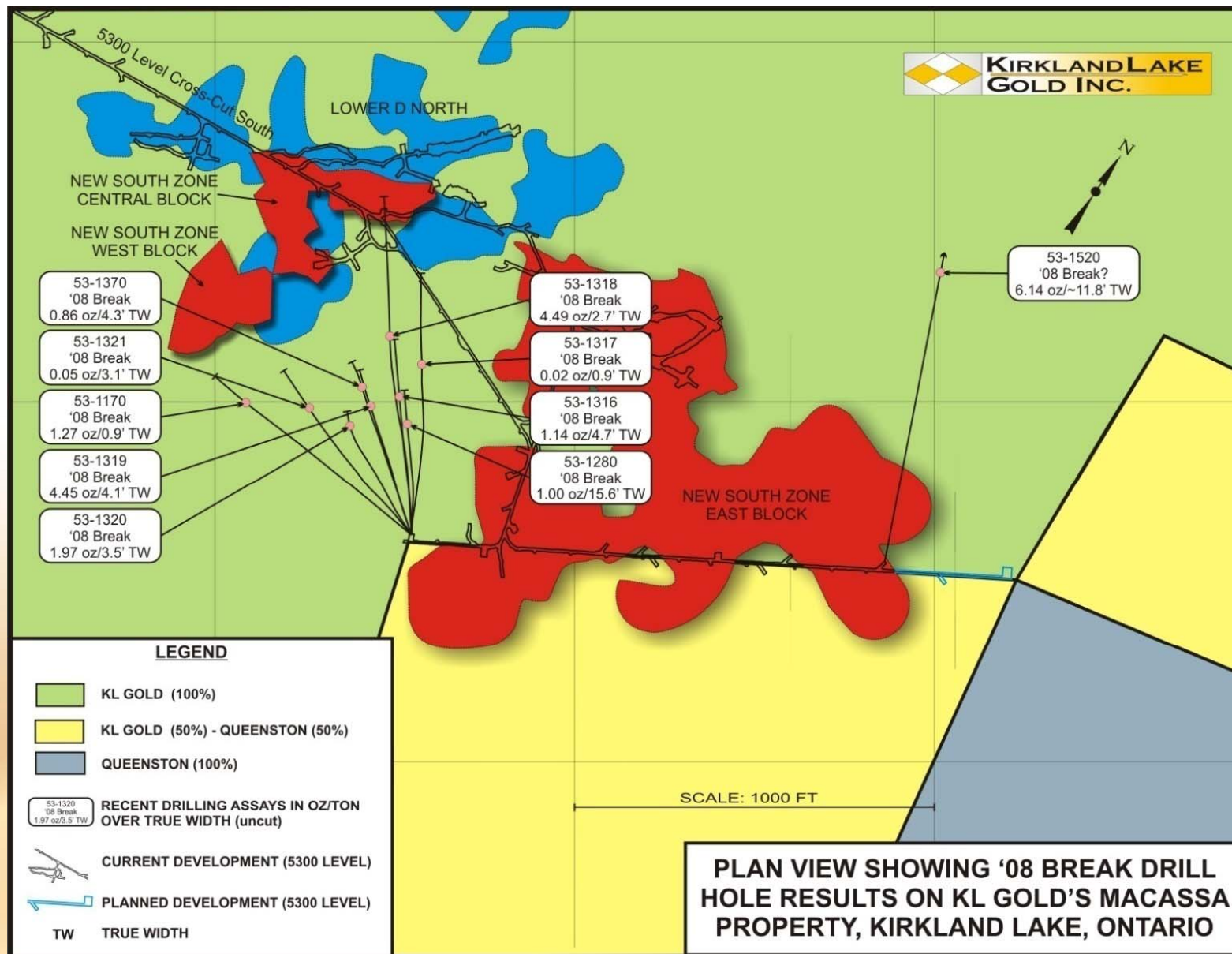
10 km of Strike Length



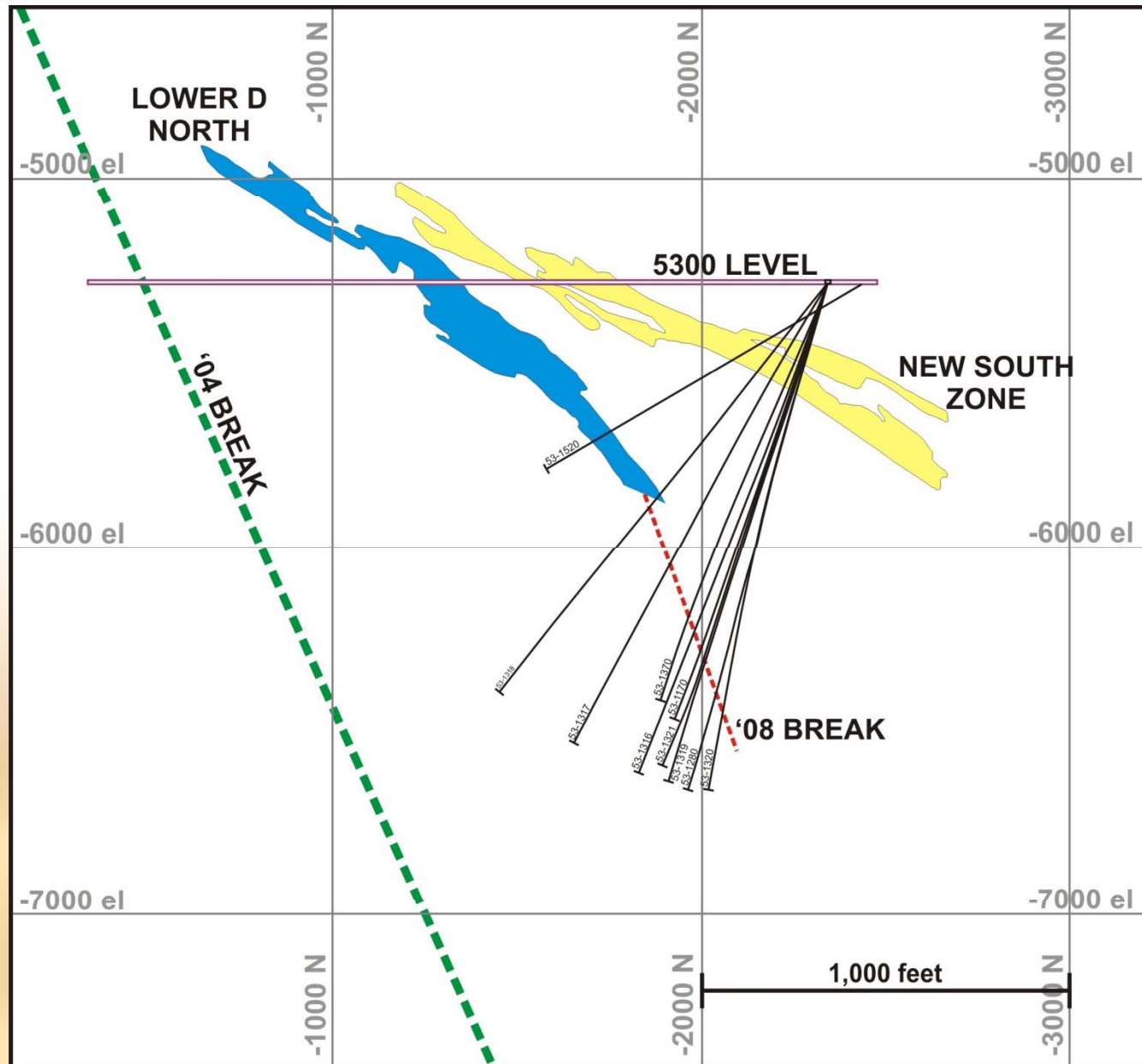


New Break? – 6.14 oz/~11.8' TW

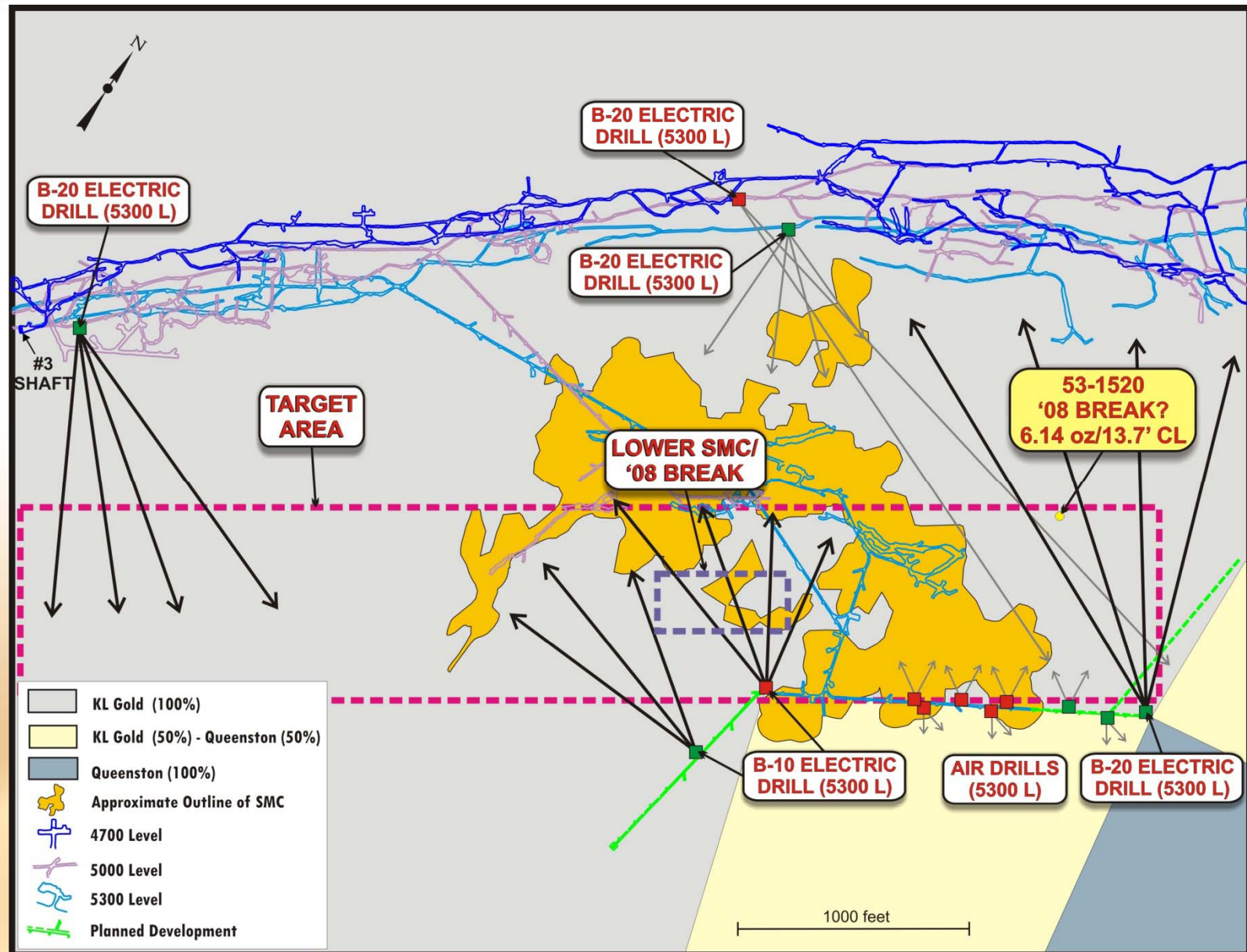
Steeply Dipping – 60 Degrees



Section View - Looking East



2010 Exploration Drilling Program Plan View





Potential Phase 3

Assumes continued exploration success

- Phase 3 – Build ore production to 1,800 to 2,200 tons per day
 - Mine expansion towards surface, at depth, north and south
 - Additional miners and underground equipment
- Mill Expansion
 - Increase grinding capacity
 - Study undertaken to replace crushing circuit SAG mill
- Continue aggressive exploration and ore body definition
 - Increase exploration drills
 - Continue drilling on a 7-day week, 2 10 hour shift basis



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