Saskatchewan Mineral Investment Attraction Mission to Japan
The following information may contain forward-looking statements. Forward-looking statements address future events and conditions and therefore involve inherent risks and uncertainties. Actual results may differ materially from those currently anticipated in such statements.

All historical resource estimates were completed prior to the implementation of NI 43-101 and the Company has not done the work necessary to verify the classification of the resource or reserve, they should not be relied upon or considered a defined resource according to NI 43-101; Except for those properties where NI 43-101 have been completed.
Properties

- Projects in 3 Canadian provinces (AB, SK, QU) and South America (Peru)
  - NI 43-101 Compliant Resources:
    - Dieter Lake, Quebec
      - 24.4 million lbs @ 0.057%
    - Duddridge Lake, Saskatchewan
      - 0.46 million lbs @ 0.107%
  - International
    - Macusani, Peru
Athabasca Basin, AB-SK

- World’s premiere sedimentary basin for hosting high grade uranium deposits
- Covers 100,000 sq. km in SK and AB
- Currently provides 100% of Canada’s Production of U
- Contributes 32% of the World Production of U
- Discovery of high grade deposits over 40 year history starting with Cluff Lake in 1968

- Fission staked early and near deposits
  - Waterbury Lake
  - Patterson Lake
  - Minor Bay
  - Davy Lake
Waterbury Lake, Saskatchewan

Waterbury Lake Project: Nearby Uranium Deposits

- Fission's most advanced exploration project

**Prolific NE Structural Trend**

- Strategic ground on trend of prolific fault zone that hosts numerous deposits
  - Midwest Lake – less than 700m from property boundary
  - Roughrider Zone – High grade mineralization 40m from property boundary
Patterson Lake, Saskatchewan

Patterson Lake Project—Compilation Area Map

9 claims covering 25,316 ha

Project located along the SW margin of the Athabasca Basin

~30 km south of Shea Creek (UEX Exploration) and 50 km south of Cluff Lake Mine

On strike with Shea Creek conductor trend

Encouraging 1st Pass drill results intersecting strong alteration and elevated pathfinder geochemistry within conductive trends

Numerous drill targets identified by recent airborne and ground geophysical surveys
Patterson Lake, Saskatchewan

Patterson Lake Project – 2008

- Major NW-SE conductor trends within magnetic low corridors (Shea Creek Trend), coincident with intersecting NE fault zones provide primary areas of interest
- Drill holes have intersected strongly anomalous geochemistry and alteration within NW conductor zones
- Apparent Kimberlite targets on the property
Minor Bay, Saskatchewan

Minor Bay Project – Regional Geology Map

- 7 claims covering 15,886 ha
- Property located near the eastern margin of the Athabasca Basin within Wollaston Domain basement
  - similar spatial relationship to basin as Collins Bay and Eagle Point deposits to the north
- On strike with West Bear deposit (1.56 M lbs @ 1.01% U₃O₈...*UEX News Release Jan 05, 2009*), located ~6km to the west
- Important NE conductor zones go through the property
- 2009 Property Scale ZTEM survey to delineate conductors and identify possible alteration zones
Davy Lake - 2009-10 Exploration Program Area of Focus

Project Notes
- North-central Athabasca Basin
- 58 claims, 235,000 ha
- Airborne and ground geophysics identified 50km conductive zone with coincident mag and gravity features suggesting significant basement structural zone

2009-10 Exploration
1. **Airborne Mag/EM (Fall 2009)**
   - Resolution of basement conductor to drill ready status
2. **Drilling (Winter 2010)**
   - 2 primary areas A & B tested by drilling
   - Drilling focused along conductor in structurally disrupted areas
FISSION ENERGY CORP

PEOPLE
❖ Experienced management and technical team
❖ History of building strong JV relationships

CORPORATE
❖ Well funded and solid corporate governance

PROPERTIES
❖ Location! Location! Location!
   ❖ Strategic Land Package in the best “U” region in the world
   ❖ Proximity to nearby “world-class” uranium deposits

OPPORTUNITIES
❖ Seeking Joint Venture partnerships on projects with “earn-in” by contributing to exploration of projects