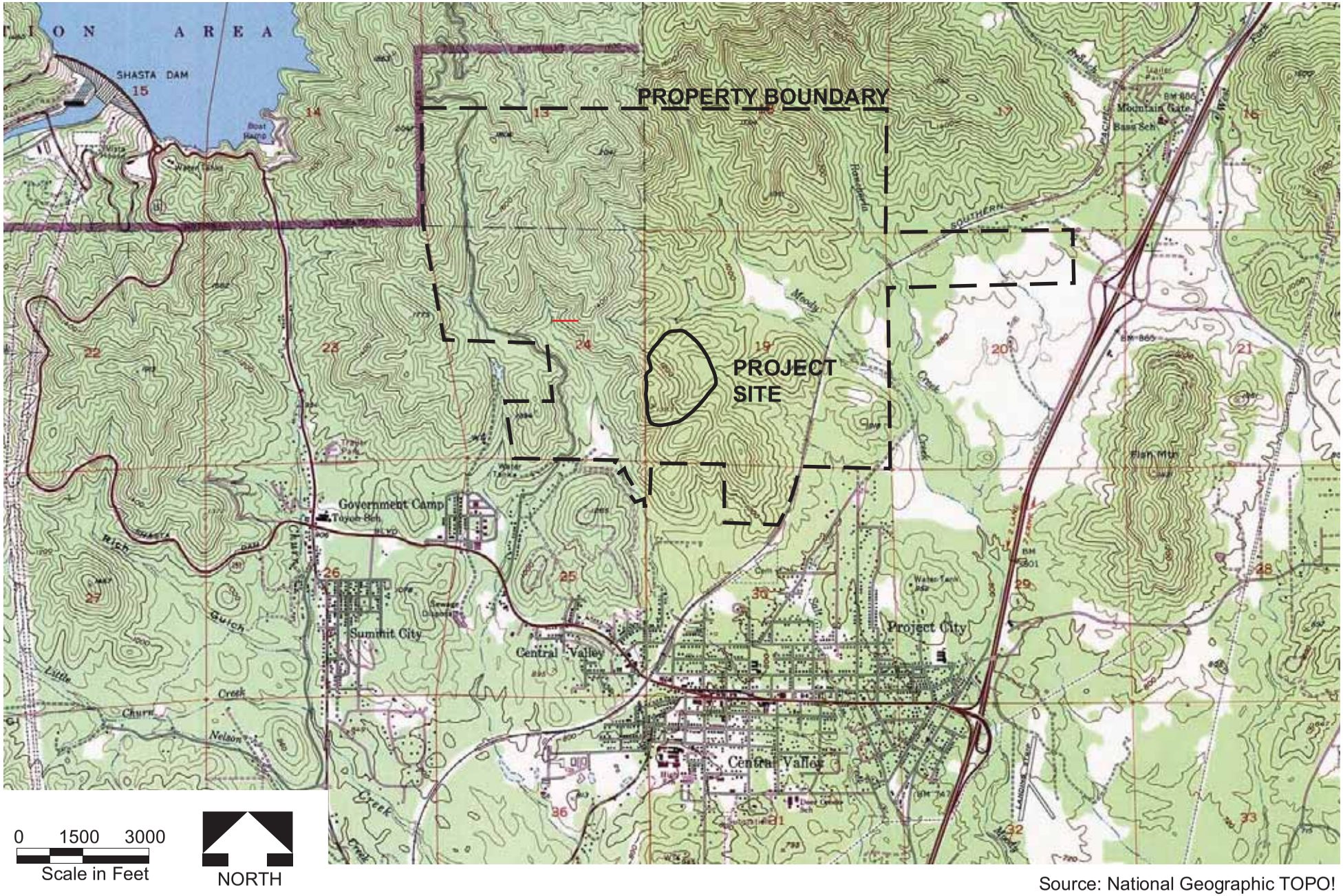
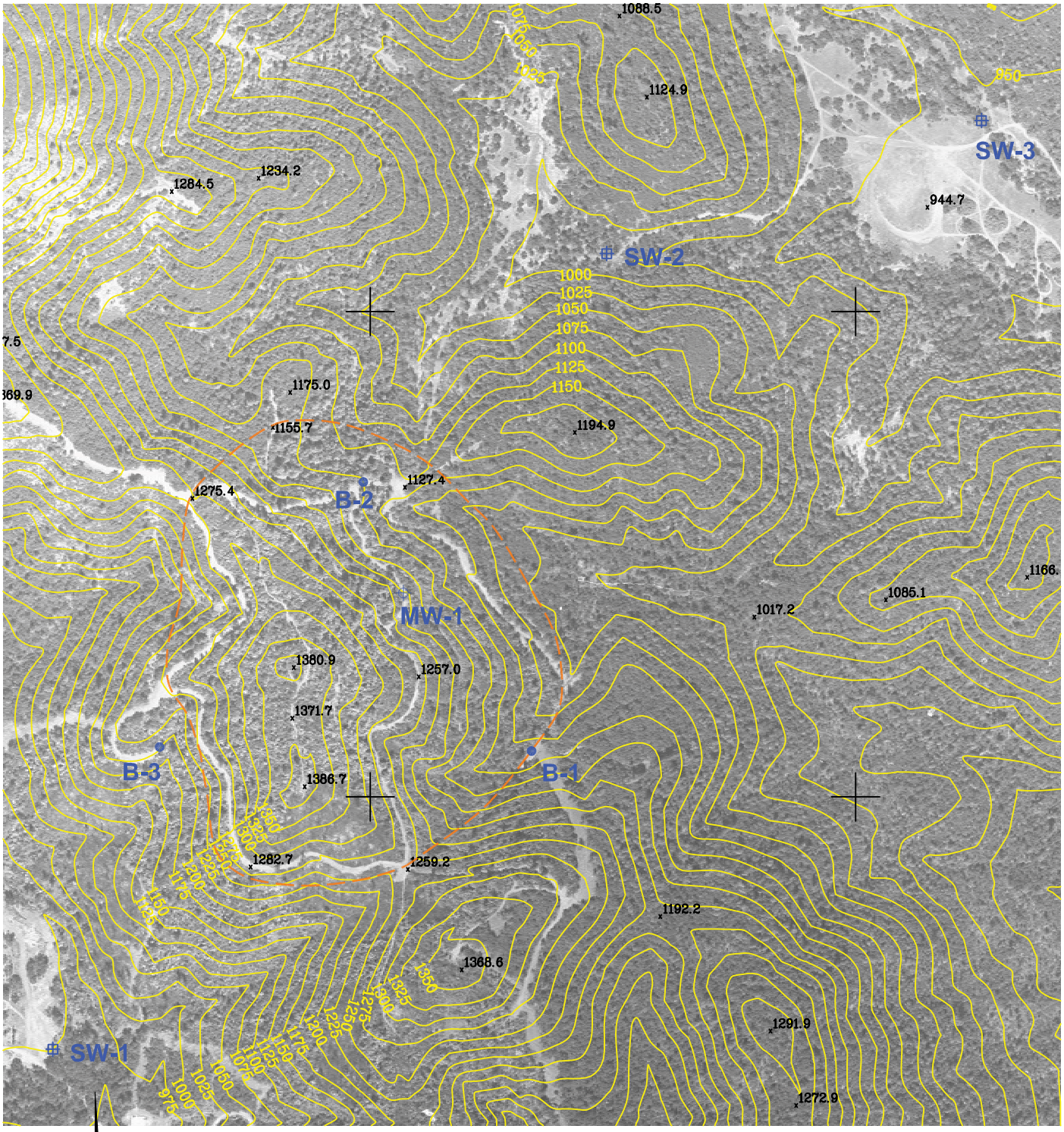


Source: National Geographic TOPO!

BROWN AND CALDWELL	DATE 6-30-09 PROJECT 137108-003	3M Quarry, Shasta, California Site Location Map	FIGURE 1



Surface Water Sampling Location

Monitoring well Location

Boring Location

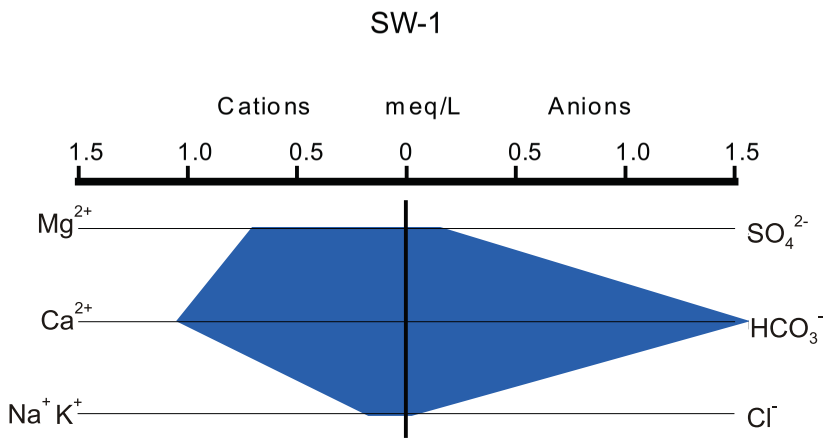
Proposed Quarry Boundary

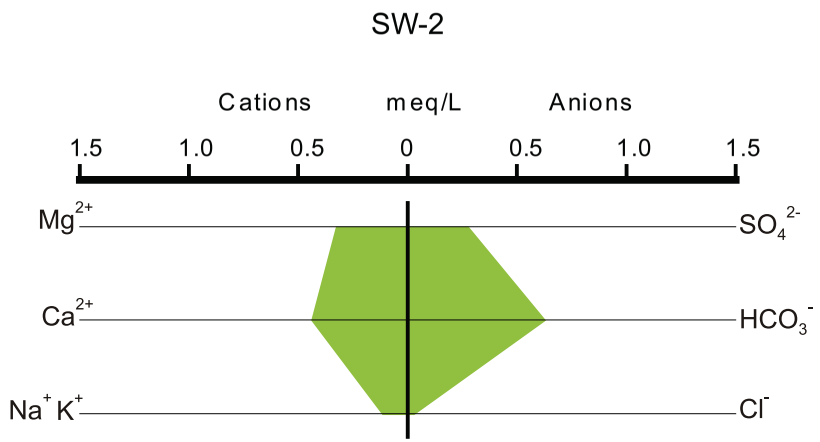
0 300 600

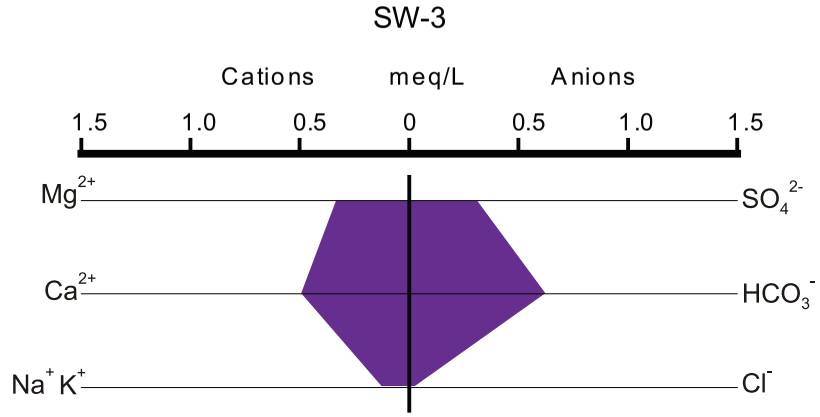
SCALE IN FEET

BROWN AND CALDWELL	DATE 6-30-09 PROJECT 137108-003	3M Quarry, Shasta, California Sampling Locations	FIGURE 2

Path: P:\37000\37108 - 3M Redding Hard Rock Qua Filename: Fig2-SamplLocs Plot date: Jun 30, 2009-09:25:35am CAD User: jrogers Xref Filename:







Legend

Ca^{2+}	Calcium
Mg^{2+}	Magnesium
Na^{+}	Sodium
K^{+}	Potassium
Cl^{-}	Chloride
SO_4^{2-}	Sulfate
HCO_3^{-}	Bicarbonate
NO_3^{-}	Nitrate
meq/L	milliequivalents per liter

BROWN AND CALDWELL

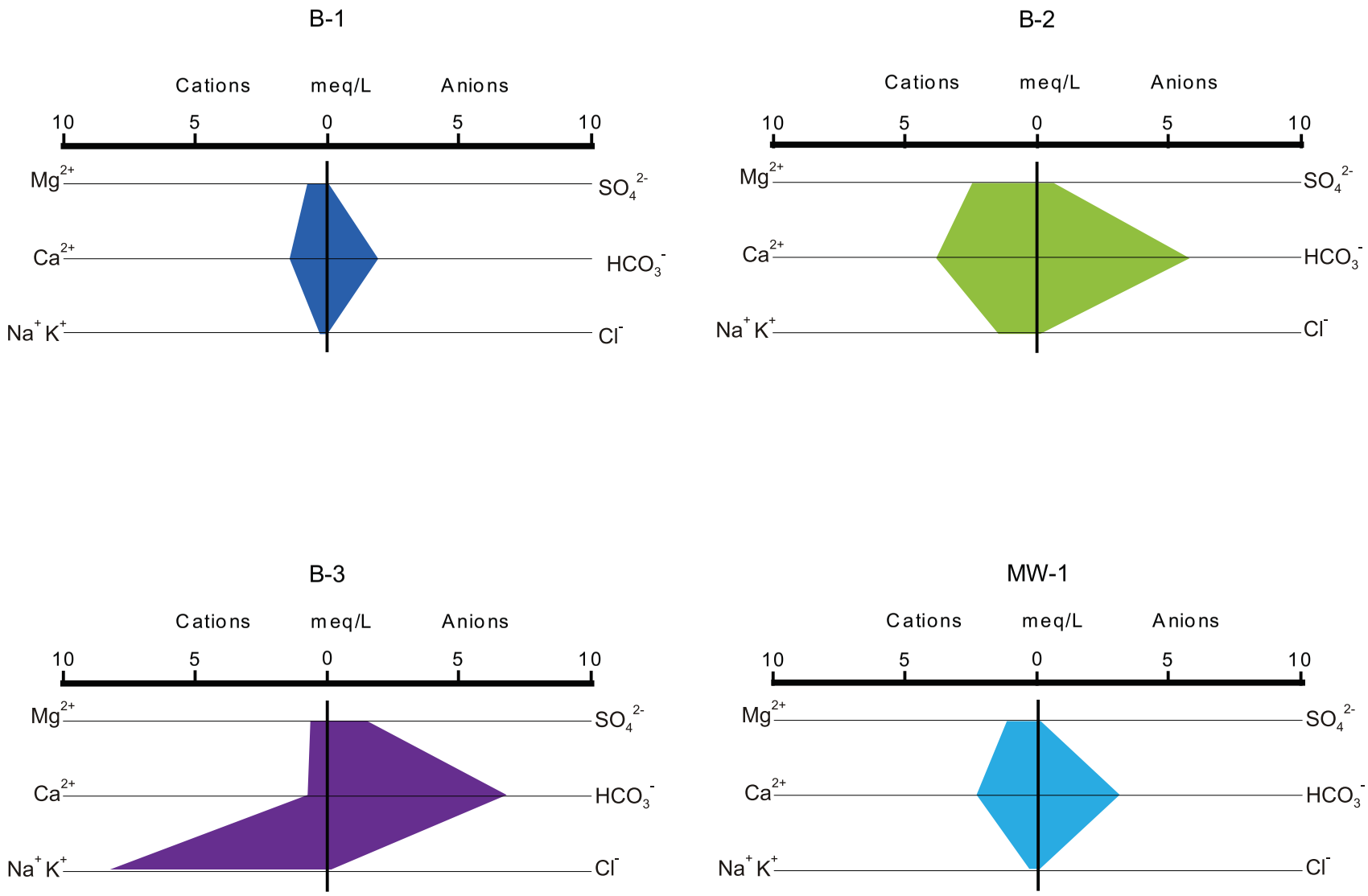
DATE 6-30-09

PROJECT 137108-003

3M Quarry, Shasta, California

Stiff Diagrams for Surface Water Samples - March 30, 2009

FIGURE 3



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meq/L	milliequivalents per liter

BROWN AND CALDWELL

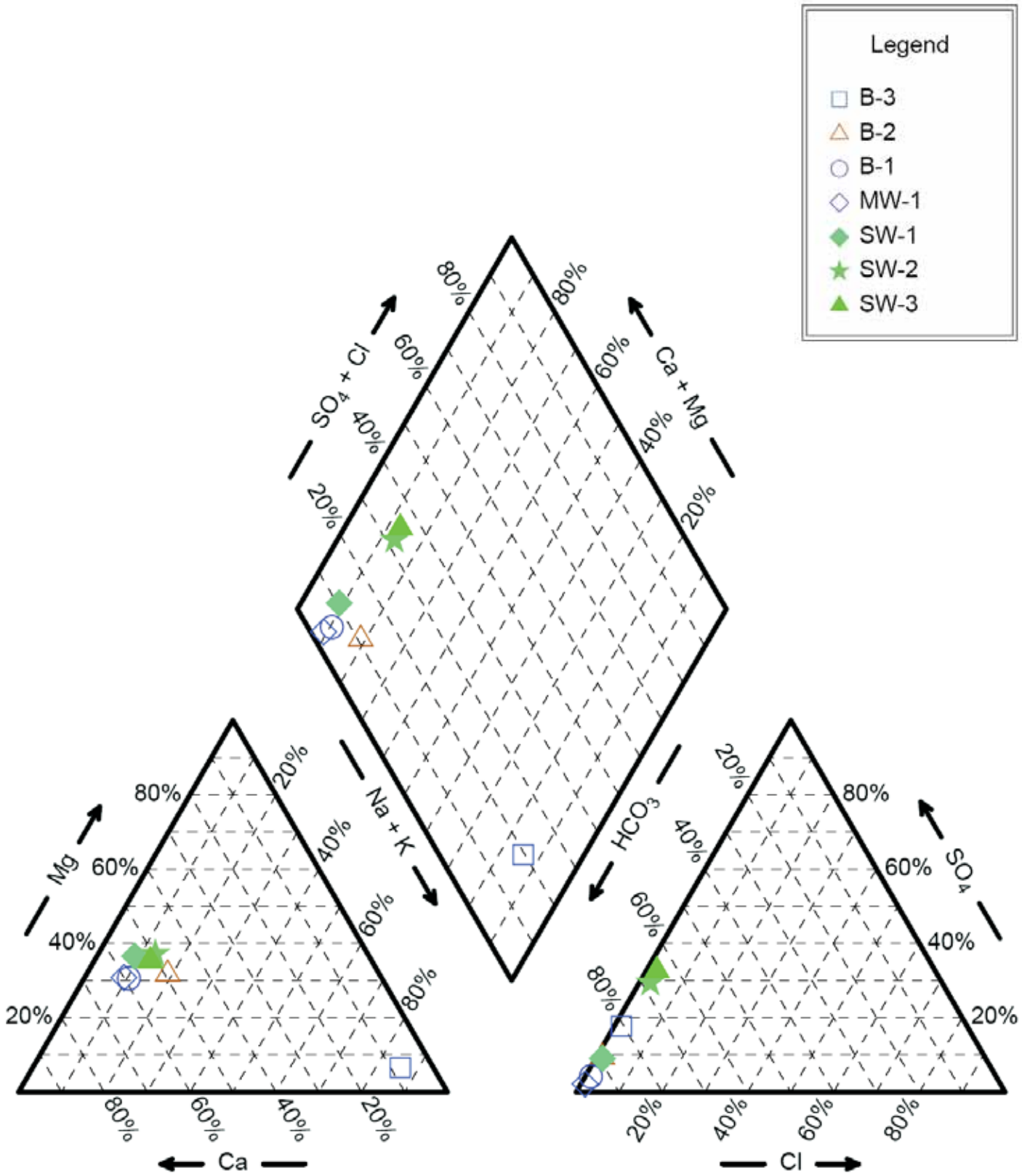
DATE 6-30-09

PROJECT 137108-003

3M Quarry, Shasta, California

Stiff Diagrams for Groundwater Samples - May 27, 2009

FIGURE 4



BROWN AND CALDWELL	DATE 6-30-09 PROJECT 137108-003	3M Quarry, Shasta, California Piper Diagram for Water Samples from Proposed Moody Creek Quarry Vicinity	FIGURE 5

P:\37000\137108 - 3M Redding Hard Rock Quarry\Assessment Report\Figures