Scenarios

Depleation Threashold	Duration	Pumping Rate*	Cobbles		Alluvial Gravel		Alluvial Sand		Threashold Distance
(% of pumping rate)	(days)	(gpm)	T (ft^2/day)	S_y	T (ft^2/day)	S_y	T (ft^2/day)	S_y	(ft)
50%	30	35	25,000	0.1	---	---	---	---	2620
50%	30	35	---	---	10,000	0.1	---	---	1655
50%	30	35	---	---	---	---	5,000	0.1	1169
75%	30	35	25,000	0.1	---	---	---	---	1231
75%	30	35	---	---	10,000	0.1	---	---	780
75%	30	35	---	---	---	---	5,000	0.1	552
75%	135	35	25,000	0.1	---	---	---	---	2620
75%	135	35	---	---	10,000	0.1	---	---	1655
75%	135	35	---	---	---	---	5,000	0.1	1169

*At 35 gpm you reach 10 acre-ft after 65 days; however the % depleation is not dependent on the magnitude of pumping in the Colorado Model.

SENATE NATURAL RESOURCES
EXHIBIT NO. 4
DATE 1-30-13
BILL NO. SB 38