and experience, did you reach any opinions in this matter for the Phase 3?

A. Yes.

Q. What are the opinions?

A. Well, you asked about yield first and so my opinions would be that in concert with others; you know, meaning that the analysis is not all mine, that it would be my opinion or my conclusion that the native or natural yield of the groundwater basin is about 82,000 or -- you know, we used, you know, a third digit, the 82,300 acre feet per year, meaning that's the yield that derives from waters that are local to the Valley itself.

As I think most know, that the Antelope Valley has made use of supplemental waters primarily from the state water project since the 1970s, and the importation and use of that supplemental water contributes in an indirect fashion additional recharge to the basin which augments the yield of the basin.

And I'm sure we'll get into it in more detail later, depending on what time period you analyze as representative cultural conditions, that that use of supplemental water contributes something on the order of 25,000 to 28,000 acre feet per year.
of additional yield.

So that in total the native yield plus a supplemental yield would add up to the better part of 110,000 acre feet per year. The single number that has been probably used the most or gotten the most publicity is that of the different cultural conditions that we analyzed, if 2005 were selected as the single representative year of typical cultural conditions in the basin, then the total safe -- or we use the words "sustainable" quite a bit in our work -- yield in the basin would be 110,500 acre feet per year.

Q. And as you use the term "safe yield" and "sustainable yield," are those terms interchangeable for your purposes?

A. Yes. Both intended to convey the same concept, as I described earlier; meaning, you know, long-term renewability or sustainability of the resource.

Q. And do you have any opinions regarding pumping as in comparison to the safe yield?

A. Well, again, it gets into sort of a time frame, but lots could be said about the Antelope Valley historically; you know, significant, you know, buildup of irrigated agriculture and