Supporting the Development of Gem Industry with Sound Geo-Scientific Information

Sarath Weerawarnakula Director, Geological Survey and Mines Bureau SRI LANKA













## In -situ deposits (Primary Deposits)

- Occur as Aggregate of stones in the weathered overburden
- Accidentally found deposits makes "GEM RUSHES"
- Such deposits are scattered throughout the highland complex
- There are no systematic mining of such deposits in Sri Lanka
- Have we got geological Information on such occurrences?
- When compared to distribution of gemstones in alluvial occurrences(one or two or none in a pit )and as we have not really got into insitu mining we still have large resources of gemstones to be mined





















## In Carbonate Rocks Mechanized mining





