



EXPLANATION SHEET

BS SAMPLER (ie Bulk Sediment)

4 March 2021



IGS “invented and developed” our BS Sampler – so-named because the first time we used it our guys said words to the effect:

“Hey that’s BS, how could that simple gadget work so well?”.

Later we found an excuse for the name – “Bulk Sediment” sampler – because by coincidence that is its function, to take bulk samples of sediments.

This sampler air-lifts fluid and semi-fluid sediments to the surface from a discrete depth. Provided the sediment can flow, then quite large bulk samples can be taken.

The samples are “pure” to the extent that they are not diluted with water and they are not mixed with material from any other depth range.

The sampler has just one moving part and operates on relatively low pressure and very low flow of air.

It is ideal for bulk sampling of very low strength tailings materials.