Unfavourable acquisition circumstances

(a) Insufficient temperature contrasts

1, 2: Stream, very difficult to identify by temperature contrast
3: Dry soil with slightly different temperature to stream
4, 7: Hillslope with very similar temperature to stream
5, 8: Stream, clearly identifiable by temperature contrast
6: Hillock with two contrasting temperatures, left side similar to stream

(b) Shadow cast

1: Sunlit stream bank
2: Shadowed stream bank
3: Sunlit stream

(d) View obstructions

1: Uncovered stream
the growing season
2–5: Fern covering the stream temporarily during
6: Tree trunk permanently covering soil behind it

(e) Additional effects to consider

such as reflection, image vignetting, unrealistic temperatures, automatic recalibration of the camera

1: Reflections visible in TIR
2: Reflections not visible in TIR
3: No strong reflections