

landed there was a curious series of blocks, lying on a bank of gravel and directed to the S. 42° E., being partly above the present water level. At 3 o'clock p. m. the water had a temperature of 11.1° . No sign of life was seen in the lake. The shore was absolutely barren, and partly white with salt. Several terraces are seen, proving a rather rapid rate of desiccation. Only the slopes of some hills were yellow with sparse grass.

The second line across the lake to the S. E. gave the soundings 10, 11, 10, 8 and 6 m., and a few minutes afterwards only half a meter. The southern shore proved to consist of salt crusts, with small lagoons and channels between comparatively dry patches, the whole being more like a salt swamp stretching about 1 km. inland. At many points the water bubbled, probably from springs. In this salt swamp the night was passed, at *Camp XX*. Next morning we were only 2.6 km. from *Camp XXI*, Deasy's springs, where the caravan had arrived in the meantime. They had had a very difficult task in rounding the southern side of the lake. Here a comparatively large brook had to be crossed, and the ground at its sides was so soft, that the animals sank deep into it. After much searching they had found a place, where the loads could be carried over by men, and the ponies and mules brought over. This report seems to agree with the fact that no European traveller has followed the southern shore. The brook is probably the same which, coming from the W. S. W., has been surveyed by Carey, de Rhins and Zugmayer, which, on their maps, is called *Tang-marbo* and *Yeshil-su*. Nearly the whole of its course seems to be swampy, and it does not flow into the lake itself, but into the salt swamps at its S. W. side. Farther east there is another brook coming from the S. W. from the mountains N. E. of *Arport-tso* and surveyed by Deasy. It reaches the salt swamp somewhere west of *Camp XX*.

A little knoll of solid rock near *Camp XXI* consisted of dark grey fine-grained or dense limestone. On the slopes of a mountain standing S. S. E. of the camp sharply drawn old beach-lines could be traced at a height of some 70 m. above the present lake, which, therefore, must have been at least three or four times more extended than now. These beach-lines will be seen on the hills to the S. 35° E. and S. 15° E., Pan. 36A and 36B, Tab. 7. On the same panorama it will be seen that the mountains south and S. S. W. of *Camp XXI* are receding at a considerable distance from the lake, a gradually sloping plain extending between them. To the N. W., north and N. N. E. are seen the mountains north of the lake, some of them, particularly to the north and N. N. E., being rather high and covered with eternal snow.

On *September 26th* the march is 16.2 km. E. S. E. and N. E. to *Camp XXII* where the absolute height is 5,040 m. or 85 m. above *Camp XXI*. The ascent is, therefore, very gradual or as 1:191. To the north of our course is a salt pool