

Mt. Leo Purguil 1 (6816 m) & Mt. Leo Purguil 2 (6791 m) Expedition 2018

Organized by:

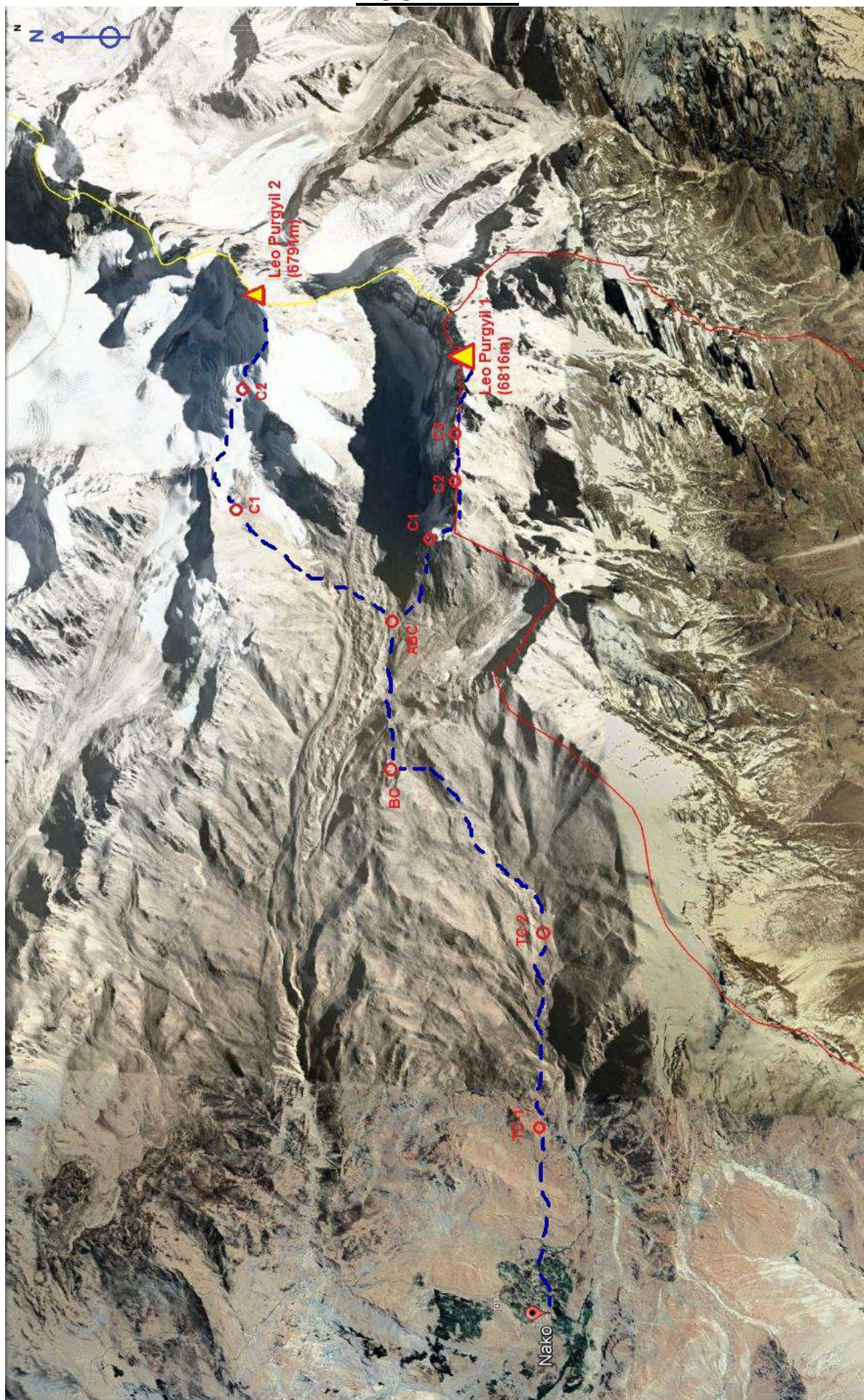
South Calcutta Trekkers Association

Off: 14 Chakraberia Lane, Kolkata 700020
Club: 45B Puddapukur Road, Kolkata 700020
scta@gmail.com / www.scta.in

Expedition Summary	
1. Name of the Association	South Calcutta Trekkers Association
2. Name of the Expeditions	(1) Mt Leo Purguil 1 (6816 Mt.) Expedition 2018 (2) Mt. Leo Purguil 2 (6791 Mt) Expedition 2018
3. Name of the Peak with height in meters and six figure co-ordinates	Mt. Leo Purguil 1 Height: 6816 meters Co-ord: 78°44' E 31°53' N Mt. Leo Purguil 2 Height: 6791 meters Co-ord: 78°43' E 30°58' N
4. Date on which permit given by IMF	07-Apr-2018
5. Nominal role of the team members	Leader – Rajsekhar Maity Deputy Leader – Barun Mazumdar Members – Sujit Bag Sayantan Dutta Pradip Kumar Bar Koushik Das Avik Mondal Subhajit Banerjee
6. Commencement of Trek	25 July 2018 from Nako, HP (3625m)
7. Number of camps en route to Base Camp	2. Kande (4196m) and Pangboche (4851m)
8. Interaction with local administration	1. District Magistrate Office, Reckong Peo, Kinnaur Dt., HP 2. Local Police Office, Nako, HP
9. Establishment of Base Camp	27 July 2018, 5436 Mt
10. Establishment of higher camps	<u>Mt. Leo Purguil 1:</u> ABC (5518 Mt) on 31-July-2018 C1 (6053 Mt) on 03-August-2018 C2 (6311 Mt) on 04-August -2018 C3 (6557 Mt) on 05-August -2018 <u>Mt. Leo Purguil 2:</u> ABC (5518 Mt) on 31-July-2018 C1 (5875 Mt) on 02-August-2018 C2 (6375 Mt) on 03-August -2018

11. Technical difficulty on way to higher camps	<p><u>BC to ABC</u> No technical difficulty on the route along Leo Purguil glacier</p> <p><u>ABC to Leo-1 C1</u> Long uphill trek along loose and unstable scree section of 45° to 60° gradient.</p> <p><u>Leo-1 C1 to C2</u> Rocky ridge with few vertical rock pitches</p> <p><u>Leo-1 C2 to C3</u> Highly technical rocky ridge with many vertical rock towers and pinnacles and some sections covered with loose/broken rock slabs. High exposure along all the route over 2 sides of the ridge.</p> <p><u>ABC to Leo-2 C1</u> No major technical difficulty</p> <p><u>Leo-2 C1 to C2</u> No major technical difficulty. Uphill climb on snow slopes of 40° to 60° gradient.</p>
12. Snow & Rock condition	<p><u>Snow</u> On Leo-1 there was no snow section while climbing up. However, during descending the poor weather accumulated plenty of soft fresh snow along the rocky ridge. On Leo-2 snow condition was stable and packed, good for climbing.</p> <p><u>Ice</u> No hard ice section in any of the peaks</p> <p><u>Rock</u> Leo-1 was entirely rocky. Serrated and broken ridge with many vertical rock towers, and occasionally covered with risky loose rock slabs. Leo-2 has no rock exposures.</p>
13. Weather Condition	Weather condition was very poor throughout the expedition. Unexpected rain and fog in dry area was observed. A continuous snowfall for 2 days was observed during the summit attempt on Leo Purguil 1.
14. Summit Report	Attached
15. Compliance to Environmental guideline	Garbage - All biodegradable waste was buried under soil by digging hole at campsites and non-biodegradable garbage were carried down and disposed at Nako. Equipment – All technical equipment are brought down except few rock pitons and one fixed rope in the most critical pitch where descending without rope was impossible.
16. Maximum height attained and its date	<p><u>Mt. Leo Purguil 1</u> 6816 Meter (Summit), on 6th August 2018</p> <p><u>Mt. Leo Purguil 2</u> 6770 Meter, on 4th August 2018</p>
17. Name of Summiteers	<u>Mt. Leo Purguil 1</u> (1) Pradip Kumar Bar

ROUTE MAP



Leo Purgyl 1 & 2 Expedition 2018
South Calcutta Trekkers Association
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Day to day itinerary

20-Jul	Departure from Howrah by Kalka Mail (19:40)
21-Jul	Train
22-Jul	Reached Chandigarh at 4 AM. Travelled to Reckong Peo. Reached Peo at 5:30 PM.
23-Jul	Team completed the admin work, left Reckong Peo at noon, and reached Nako at afternoon
24-Jul	Stay at Nako (3625m) for acclimatization
25-Jul	Trek to TC-1 (Kande, 4196m)
26-Jul	Trek to TC-2 (Pangboche, 4851m)
27-Jul	Trek to BC (5436m)
28-Jul	No movement due to poor weather and white out throughout the day
29-Jul	No movement due to poor weather and white out throughout the day
30-Jul	Load Ferry to ABC (5518m). Recce till Leo Purgyl 1 C-1. Back to BC
31-Jul	Team moved to ABC (5518m)
1-Aug	Very poor weather. Cloud, Fog and Snow at morning. Sherpas went for route opening
2-Aug	Leo-2 team - moved to Leo-2 C1 (5875m). Rest of the members at ABC
3-Aug	Leo-1 team - Moved to Leo-1 C1 (6053m). Sherpas started route opening on West ridge Leo-2 team - Moved to Leo-2 C2 (6375m)
4-Aug	Leo-1 team - Moved to Leo-1 C2 (6311m) Leo-2 team – Summit Attempt. Team started at 2:30 AM, reached very near to the summit at 5:30 AM. Could not proceed further due to steep ascent henceforward and due to lack of fixed rope and anchor. Team reached a height of 6770 meters which is also known as South summit of Leo Purgyl 2. Team returned to ABC the same day
5-Aug	Leo-1 team - Moved to Leo-1 C3 (6557m). Sherpas moved ahead to open the route Rest of the members moved from ABC to BC
6-Aug	Leo-1 team - SUMMIT. Poor weather till 9AM. Started at 10:30 AM, reached Summit at 2:30 PM. Returned to C3 by 5:15 PM
7-Aug	Leo-1 team - Returned to BC via C2, C1, ABC.
8-Aug	Full team trekked from BC to Nako
9-Aug	Travel from Nako to Sainj. Stayed at Sainj
10-Aug	Travel from Sainj to Kalka. Stayed at Kalka
11-Aug	Kalka. Tent & rope drying + Packing. Boarded Kalka mail at night
12-Aug	Train
13-Aug	Team reached Kolkata

Summit Report – Mt. Leo Purgyl 1 (11-Sep-17)

On 5th august we reached the summit camp by the afternoon. Weather was sunny but slightly windy. After few hours the weather became worse. All night there was heavy snowfall with blizzard.

On 6th morning around 9:30 am snowfall was stopped but it was very windy morning with white out, so visibility was very poor.

After a short meeting we made a small team (Pradip Kumar Bar with three Sherpa- Anup Rai, Dawa & Mohan) for quick movement towards summit according to leader's decision.

At 10:30 am we started approaching for summit. Our summit camp was situated on a rock tower. From summit camp to summit tower there was a narrow sharp ridge with unstable rock, Ice patch and it had become very much tricky with last night's fresh snow fall. It was about 300 to 350 ft. from summit camp to main summit tower and height difference between summit-camp to true summit was 870 ft. End of sharp ridge there was a 70° to 80° rock wall. We starting climb on fixed rope with the help of jumar. Wall was mix terrain with big rock block, snows & some time ice patches. After the stiff wall we reached a tiny flat zone, crossing the area we starting traverse right hand side to reach near main summit pyramid. It was just 35-40 feet & 80° - 90° gradient. At 2:30 pm we all reached the summit point. We spent around 20 minutes at summit to celebrate our success & took photos. Due to bad weather nothing was visible beyond 15 feet distance, so no photos we have around the summit. So we took photos with the pole of ITBP expedition (1971) for summit proof. Then we started descending from the summit. Descending 150 feet we reached a static electromagnetic field zone, it was made by the heavy storm & lightning. We cross this area as soon as possible. Descending 200 feet from there weather was again gone worse. Under a heavy snowfall we reached the summit camp at 5:00pm.

Grade Assessment Reporting – Mt. Leo Purgyl 1 (6816m)

Subject	Details
Name of Mountain	Mt. Leo Purgyl 1 (6816 m)
Expedition Organization and Dates	South Calcutta Trekkers Association, Kolkata 20 July – 13 August 2018
Face/ Ridge Attempted	West Ridge
Nature of the face e.g. rock, snow, ice or mixed terrain	Rock
Gradient of the route in approximate degrees and description of artificial technical aids used to negotiate difficulty.	<p><u>Camp-1 to Camp-2</u> 45° to 50° on average. 400 meters of ropes were fixed with rock pitons</p> <p><u>Camp-2 to Camp-3</u> Average 70° to 80°. With two 90° vertical rock towers in between. Highly exposed over 2 sides of the ridge. 650 meters of ropes were fixed with rock pitons</p> <p><u>Camp-3 to Summit</u> 80°-90° on rock with extremely high exposure 650 meters of ropes were fixed with cams and rock pitons</p>
Leaders assessment of Technical Difficulty (TD) with Grade (refer to grade description)	<p><u>Camp-1 to Camp-2</u> : Grade 3</p> <p><u>Camp-2 to Camp-3</u> : Grade 5</p> <p><u>Camp-3 to Summit</u> : Grade 6</p>
Justification of grade assessment by leader required by marking route on photographs.	