SLIGO - COUNTY GEOLOGICAL SITE REPORT

NAME OF SITE	**Truskmore**		
Other names used for site			
TOWNLAND(S)	Moodoge		
NEAREST TOWN	Cliffony		
SIX INCH MAP NUMBER	6		
NATIONAL GRID REFERENCE	176000 347400 = G 76 474		
1:50,000 O.S. SHEET NUMBER	16	**1/2 inch Sheet No.**	7

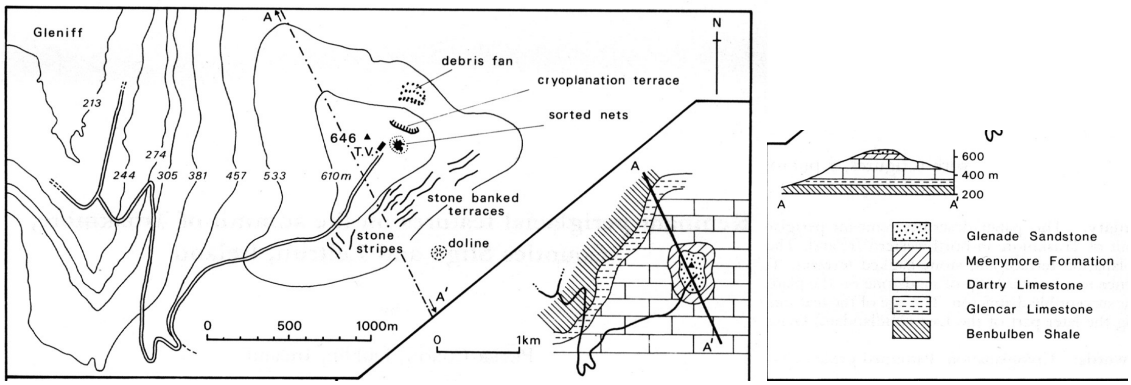
Outline Site Description
Exposures of rock weathering features adjacent to summit of Truskmore.

Geological System/Age and Primary Rock Type
Remnant periglacial features which formed during the later stages of the last glaciation (the Midlandian Glaciation) approximately 10,000 years ago.

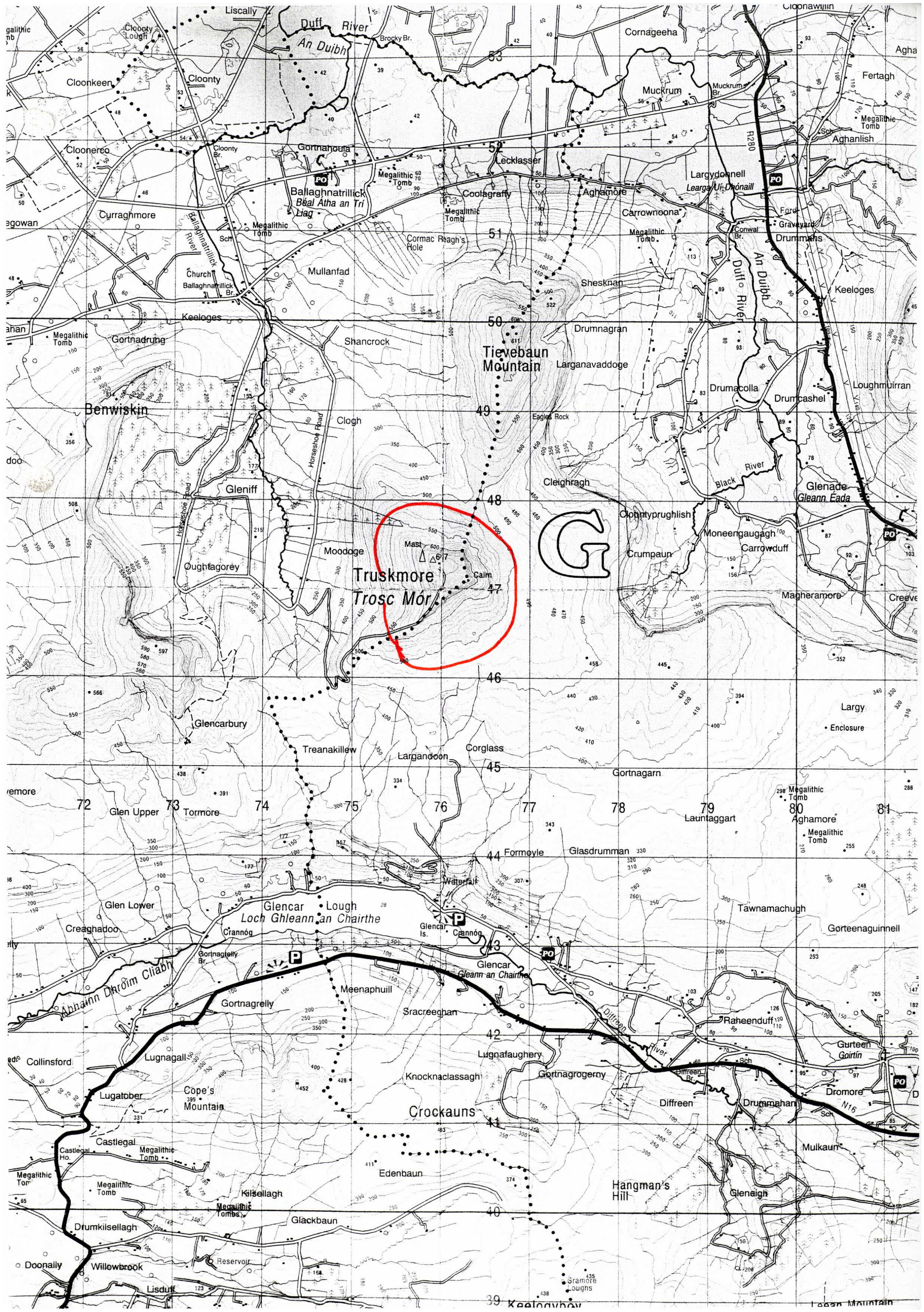
Main Geological or Geomorphological Interest
A thin layer of horizontally bedded, lower Carboniferous Glenade Sandstone caps the summit of Truskmore producing a flat plateau area above the less resistant Meenymore evaporites and Dartry Limestone. Remnant periglacial features flank the sandstone plateau including sorted nets, stone banked terraces, stone stripes and a bedrock terrace with associated debris fan. Sorted nets displaying a fish-net-tights-pattern are exposed close to the summit of Truskmore. The nets occur as vegetated centres with stone borders and exhibit varying diameter sizes from approximately 1m-5m. They probably formed due to frost sorting and heave. The stone borders, consisting of Glenade sandstone clasts ranging in size from pebble to boulder, are quite angular indicating that they have not travelled far from their source. The northeastern side of the plateau hosts a 120m long bedrock terrace that has been cut into the Glenade sandstone as a result of frost shattering. A large debris fan associated with the terrace covers the slope below. Mass movement of weathered Glenade sandstone has produced stone stripes (up to 4m wide and 100m long) and stone banked terraces on the southeastern side of Truskmore. These features formed as seasonally thawed material moved slowly downslope under the influence of gravity. It is believed that the summit of Truskmore remained ice-free during the last glaciation allowing for the many freeze-thaw cycles required to shatter and move the local bedrock.

Site Importance
This site is expected to be part of a large multi-interest geological NHA comprising Benbulben and the Truskmore Plateau (including parts in Leitrim) once IGH programme work is completed and final recommendations are made.

Management/promotion issues
Any disturbance will damage the scientific value of the patterned ground, including roads or trackways, windfarm development, use of off-road vehicles over these features.



Truskmore



Truskmore
Trosc Mór
Tievebaun Mountain
Benwiskin
Glencar Lough
Loch Ghleann an Chairthe
Crockauns
Cope's Mountain
Hangman's Hill
Glenade
Gleann Eada
Ballaghnatrillick
Béal Átha an Trí Liag
Largydonnell
Learga Uí Dhónaill
Duff River
An Duibh
Cloonty
Cloonkeen
Cloonerco
Curraghmore
Gortnahoula
Lecklasser
Coolagraffy
Aghamore
Carrownoona
Cornageeha
Muckrum
Mullanfad
Shancrock
Keeloges
Gortnadrung
Sesknan
Drumnagran
Larganavaddoge
Clogh
Gleniff
Moodoge
Oughtagorey
Cleighragh
Cloontypruglish
Moneengaugagh
Carrowduff
Crumpaun
Magheramore
Eagles Rock
Mast
Cairn
G
Glencarbury
Treanakillew
Largandoon
Corglass
Gortnagarn
Tormore
Glen Upper
Glen Lower
Creaghadoo
Formoyle
Glasdrumman
Launtaggart
Tawnamachugh
Gorteenaguinnell
Waterfall
Glencar
Gleann an Chairthe
Meenaphuill
Gortnagrelly
Sracreeghan
Lugnafaughery
Knocknaclassagh
Gortnagrogerny
Diffreen
Drummahan
Dromore
Raheenduff
Gurteen
Goirtín
Collinsford
Lugnagall
Lugatober
Castlegal
Edenbaun
Kilsellagh
Glackbaun
Drumkilsellagh
Willowbrook
Doonally
Lisduff
Mulkaun
Gleneigh
Sramore Loughs
Keeloges
Fertagh
Aghanlish
Drummans
Loughmuirran
Drumcashel
Drumacolla
Black River
Largy
Aghamore
Megalithic Tomb
Cormac Reagh's Hole
Horseshoe Road
Crannóg
Abhainn Dhroim Chliabh
Diffreen River
N16
R280
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