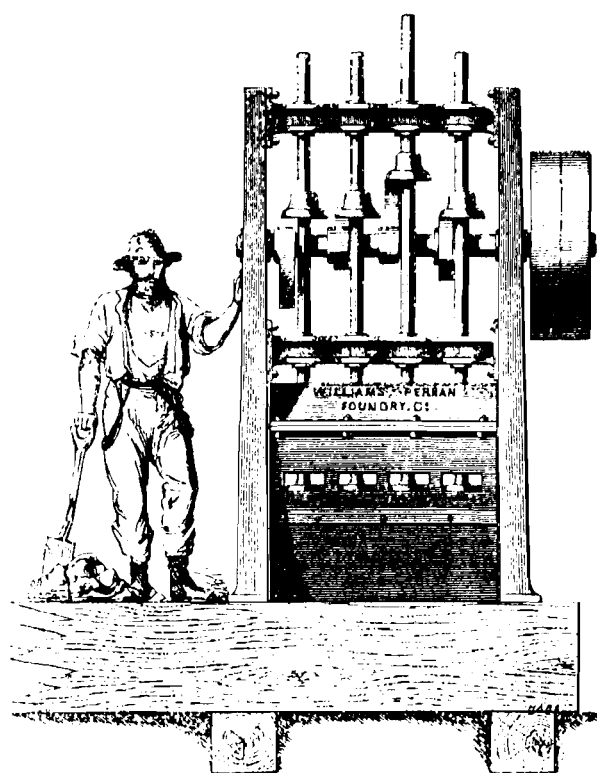




The Newsletter

No.49

March 1997



BATTERY OF 4 HEADS.

Cumbria Amenity Trust

Mining History Society

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EDITORIAL

If you didn't come to the AGM you may not know that Doctor Descender is now your newsletter editor and it will be at least 12 months before you can democratically remove him !

Other news from the AGM can be summed up simply as follows :-

Position	Out	In
Treasurer	John Helme	Paul Timewell
Newsletter Editor	Mark Simpson	Jon Knowles
Meets Secretary	Jon Knowles	John Davies
Committee	Pete Sandbach	

There are now two vacancies on the committee so if there is anybody out there who is short of friends and has six Monday evenings spare a year then this is for you. Its a great way of making yourself feel important.

Taking on the editorship of the newsletter is a slightly daunting task since I am now committed (not before time I hear you mutter) to producing four in the next year and maintaining the high standard which has been set by Mark. To try and bring some structure to the process I have fixed the press dates as the end of February, May, August and November with the finished article dropping through your letterbox about 4-6 weeks later.

Obviously Mark and I will have different styles but this is no bad thing since most committee posts benefit from a change of incumbent every now and again.

As Mark pointed out in the last newsletter I have a number of meets reports to write up (except Silverband - over to you Clive) so this will provide a reasonable amount of material but don't relax I still need your help and all contributions will be gratefully received. Ideally submissions should be on 3.5" disc and in a common work processing application but even submissions on toilet paper (unused) will be welcome.

Letters to the editor will be warmly welcomed and if you don't write I will just have to provoke you enough so that you have to put pen to paper.

Please send contributions to :-

Jon Knowles
6 Ferncroft
Hightown
Liversedge
West Yorkshire
WF15 8DT
01274 871012

And finally if you want to reach me on the internet you need to get out more !

Ed.

CHAIRMAN'S REPORT FOR 1996

Life is never dull ! The year 1996 saw a waggonway built at Hudgillburn, the long awaited break through at Greenside, an excellent publication on Slate by Alistair Cameron, and yet more new ground discovered at Coniston. Added to that there is the Furness Heritage Survey, the work at Newlands Furnace and on the Woodbine Chimney, the Bouncy Mine project, and the geological survey at Paddy End. To keep a society with such a diversity of interests running smoothly requires behind the scenes effort and as always we are indebted to our secretary for her diligent handling of the paperwork which seems to increase year by year and also to the other officers and committee members for the team work which they have put in during 1996. John Helme deserves a special mention as he is retiring as treasurer after seven years in the post. The wary eye that he has kept on our expenditure and his meticulous handling of the accounts have always ensured us a healthy bank balance. We are grateful to Paul Timewell for agreeing to take on this important job and wish him well.

A sad note early in the year was the untimely death of Barbara Mitchell and we are glad to see Mike now back at the forefront of our activities. Also more recently came the equally untimely death of Phil Merrin. Both he and Barbara had been long standing active members who are now greatly missed. On a brighter note it is encouraging that we are beginning to attract more younger members and I hope this trend continues (it had been suggested that Age Concern might need to set up a subterranean branch before long !). It is also encouraging that we have recently experienced some high attendance's at scheduled meets and that no less than nine members of CAT turned up at the NAMHO field meet in Devon.

On-going projects have always played an important part in the activities of CAT and the ventures mentioned above require an immense amount of dedication from the individuals involved. I would therefore like to express the Society's appreciation of the work done by those who have devoted their spare time and energy throughout the year, and to wish all members a successful 1997.

Dave Bridge.

NEWLANDS

As most members will be aware a small but dedicated team led by John Helme has been working away steadily for many years to carry out conservation work at this important site. The Cumberland and Westmorland Antiquarian Society has recently published a booklet entitled "The Lineaments of Newland Iron Furnace 1747-1903; An Historical Investigation. A copy of this is currently being circulated to interested members and will eventually be deposited in the CAT library. The authors are J.Marshall, J.Helme, J.Wignall and J.Braithwaite.

Please contact John Helme if you wish to obtain your own copy.

GREENSIDE

At long last a breakthrough has been made and a connection through to Smiths shaft has been achieved. This is excellent news and shows what can be achieved when a group of dedicated people go for it. It will be some time before through trips can be undertaken and whilst last minute fittings such as lighting and carpeting are completed. Those involved in the project will be holding a dinner at Smiths shaft to celebrate.

As luck would have it the definitive history of the mine has just been published. This history runs to 481 pages is hardback and costs £27. I believe Mike Mitchell has copies for those interested. See detailed review elsewhere in this newsletter.

MAENOFFEREN SLATE QUARRY - BLAENAU FFESTINIOG

Some members who have recently visited this site report that underground working appears to have ceased in September 1995. The same report states that maintenance work appears still to be taking place so re-opening at a later date may still be a possibility. The cessation of underground working means that the Foel Grochan workings at Aberllefenni is the last high quality underground slate producer in the UK.

RHOSYDD SLATE QUARRY - BLAENAU FFESTINIOG

The latest proposal in this long running saga is that the site will be re-worked solely underground with no surface working. The quarry currently extends down to floor 14 although all floors below 9 are flooded. The intention is to de-water the workings and develop a new mine underneath. A ceiling 2

floors deep would be left between the new workings and the old. Waste would be tipped into the abandoned chambers. It will be interesting to see if the industry still possesses the skills necessary to carry out such an undertaking.

RADON

Readers may remember a few issues back where I mentioned some work that was going on into exposure to Radon for those venturing underground.

The National Caving Association (NCA) has now published, in consultation with the HSE and NRPB, some guidelines entitled "Radon Exposure During Underground Trips : A Set of Guidelines for Caving & Mine Exploration". This 24 page booklet introduces the subject and explains the terms used and the associated health risks before detailing the legal issues and giving guidelines for minimising exposure.

These guidelines are well worth reading particularly for those who spend a significant amount of time underground since the guidelines advise "If your cumulative time underground is likely to be in hundreds of hours, you should seriously consider carrying a dosimeter". Unfortunately page 16 includes the following "These guidelines do not apply to underground voids where radon concentrations are abnormally high, such as certain metaliferous mines" but no specific sites are identified ! so these notes are of some use but are not the definitive answer. I was left feeling that here was something that could affect me but the method for making sure that I did not go to too many hot mines was unclear. So if anybody has an specific Radon data on Mines please let me know.

My own personal understanding of where the Radiologically hot areas your average CAT member is likely to go are :-

Cornwall
North Pennines
Peak District

with the highest concentrations being in poorly ventilated areas.

The guidelines are obtainable from

The Training Officer
Alan Butcher
Priddy Green House
Priddy

Wells
Somerset
BA5 3BE

Price £3 + SAE. Cheques to be made payable to N.C.A.

The NCA also publish a number of other leaflets which may be of interest. These include :-

Legal Aspects of Access Underground (32pp)
- £1.00

Local Cave and Mine Leader Assessment Scheme Syllabus - Free

WELSH MINES SOCIETY

Whilst CAT members can relax safe in the knowledge that their subs remain the same again this year, pity the above societies members who have seen an increase of 50% this year ! Admittedly this still only makes them £3 a year.

CHEAP BEER

At least you will read this bit. Seriously though Settle water Sports has recently moved from Settle (surprising isn't it) to the Dalesbridge Centre which is on the A65 between Clapham and Settle. They have generously offered CAT members the following discounts, which should enable us to get CHEAP GEAR :-

Up to 12.5% on all club orders over £1000.

7.5% to members of CAT at anytime.

Quotations for orders over £200.

For mail order, FREE 3 day delivery on orders over £150 (other delivery options on request).

SINNERS LIST

In a determined effort to get people to write up meets a "sinners list" of meet leaders who don't do a report will become a regular feature from now on. This months contenders are :-

Jon Knowles -	Cornwall
Clive Barrow -	Silverband
Alastair Cameron -	Tilberthwaite

NAMHO CONFERENCE 1997

Details of the 1997 event, which will be based near Matlock, are included at the back of the Newsletter together with an application form.

The Conference will be held over the weekend of the 11th - 14th July and follows the usual mix of lectures and surface and underground trips. Among the underground trips there is the opportunity to do a difficult trip into Old Millclose, which is highly recommended (who says there's no humour in the Newsletter?).

DOCTOR DESCENDER

Dear Doctor

I have a useful tip for putting your mining gear to good use in times of low rainfall. Leave your helmet outside so that if it should rain the water is collected. I just can't think why nobody has thought of this before.

Anon

Dear Doctor

I wrote to you before about my idea for collecting rainwater in a helmet. Having carried out some testing recently in the South West I feel I should pass on a tip. Remember to empty the helmet before you put it on again otherwise you'll look a right Charlie if you were walking around Geevor mine, for example, with a wet head.

Dear Doctor

With mine exploration requiring ever more tackle I have thought of a simple way of reducing the amount of kit you carry. After you have descended a rope, don't bother carrying that heavy descender around - why not leave it on the rope?

Anon, Reliant No More

Dear Doctor

I recently found interesting Azurite samples at a secret location on Kit Hill. I think that the cylindrical nature of my find means that they must have been core samples.

Hammer Man

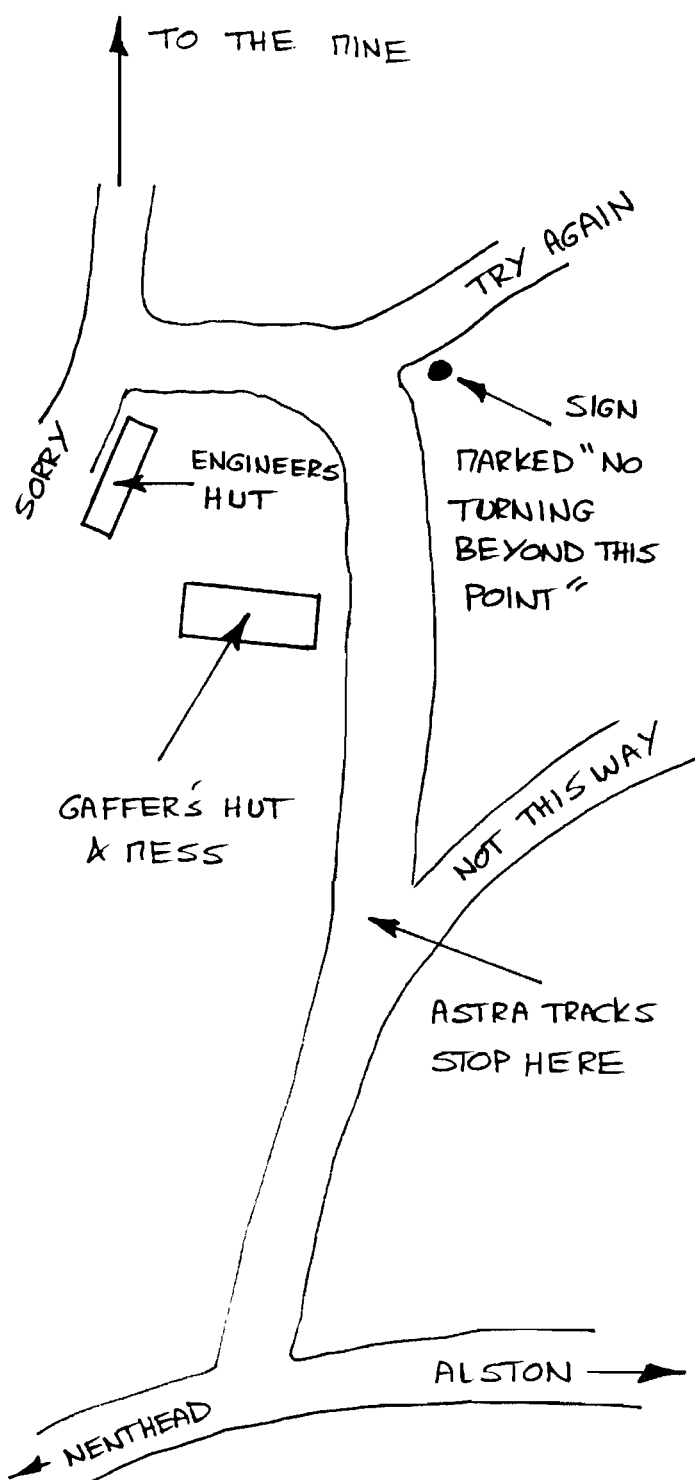
Having seen the samples myself I was initially drawn to the same conclusion however detailed geological analysis has shown the sample to be the particularly rare soft waxy Azurite which goes by the full name of Cornish Regional Azurite You Old Nurd although this is occasionally abbreviated to its initials.

Dear Doctor

I recently got lost on the road through the Caravan Park at Hudgillburn could you publish a survey of the area so this doesn't happen again since it was very difficult doing a three point turn with the trailer in about a foot of snow.

Red Robo

I hope the following map is of some use.



WHITEHEAPS

On my first visit to this mine a few years ago with Peter Hay and Bruce Deane it had tried to do me a nasty injury and had very nearly succeeded. One of my colleagues had spoken of mineral wonders (no prizes for guessing which one) in a stope above and so I had bravely chimneyed up a part timbered raise to check. As I braced myself against timbers supporting a pack wall they collapsed and I fell a few feet horizontally into 18 inches of water. As I fell the thought rushed through my mind that with the support gone the pack wall would also be descending to trap me under the water so the moment I landed I sprung up "jack in the box fashion" - fortunately the deads had not moved.

A large number of people turned up for the meet on the 29th June most of whom I have now forgotten but it included Peter Hay, Tristan Goldsack, Dave Bridge, Billy Griffin, Ian Hebson, Paul Timewell, Kirsten Crowther & Sheila Barker.

There are two entrances to the mine. The first entrance is a small subsidence crater on top of an obvious tip. In the bottom of this a low squeeze give access to a drift which descends after some distance to water level. As the incline is descended at least two ways off are possible on the right hand side. One of these joins a shaft approximately twenty feet from the bottom. A length of ladder goes up the shaft and a further ladder is balanced on the top of the first. Takers for this part of the trip suddenly seemed in short supply but the author and Dave Bridge clipped on to the electrical cable which also goes up the shaft and made it to the top. At the top of the shaft the tunnel went both ways. That to the right would, almost certainly have originally connected with the other part of the mine which will be described later. A fall now prevents direct access. Turning left at the top of the ladder a long level gave access to a number of shafts both up and down. Returning to the drift a further descent and a scramble gave access to a level complete with wagons in situ. The level was quite extensive with much evidence of core drilling. The level was on the same horizon as the bottom of the shaft mentioned above. Complete exploration on this horizon was prevented by collapsed false floors although the author managed to make some progress a return visit with a "tough team" is required.

Returning to day the second entrance to the mine was visited. This consists of a 12'

diameter shaft complete with ladderway. A safety-rope descent gives access to a continuation of the level mentioned above. Following this level in the other direction, initially through water, takes you into more extensive workings. Passing winzes and the intersection with a large shaft and avoiding a dammed up part of the level takes you to a point where you pass out over a hole in the floor. Passing over this and up a ladderway gives access to a large stope. Returning to the point where the rails pass over a hole a descent can be made from an adjacent passage down a cork-screw shaft. Only a hand line is required for this although a jammer is useful for the ascent. This descent takes you into extensive modern workings which were followed down to water level. This area of the mine would benefit from further exploration.

For a little of the history of the mine please refer to Nigel Chapmans article on Sikehead Lead Mine in the NMRS 1995 Memoirs.

Ed.

THORNTHWAITHE MINES

It seems that Thornthwaite is a popular venue for a meet. The last time (in January 1988) 18 people turned up and the meet on the 1st December proved almost as popular with 15 members congregating at Comb Beck on a day which threatened rain. Fortunately the weather held for the best part of the meet which involved a walk up the beck to the workings on the two Ladstock lodes and then on through the forest to Rachel Wood mine which is situated just behind Thornthwaite village not far from the garage.

Moving a large party through the narrow hand-cut stopes of the Ladstock west lode proved an impossible task. Those keen to descend the workings dropped 20 feet to a sub-level and although SRT was abandoned for the convenience of an electron ladder (must have been a laugh with some members - Ed.) the undercut take-off point, which happened to be in the narrowest part of the stope, proved an awkward (and entertaining) obstacle on the ascent. Meanwhile others of the party who had been patiently queuing at the entrance went off to explore the Ladstock east workings which were found to follow a similar pattern. During a later period of operation, in the 1870's by William Francis of the Keswick United Silver-Lead Mines Company, a substantial shaft was sunk higher

up the hill. This now forms a deep depression hidden amongst the trees.

The lead-bearing Rachel Wood Lode was first worked at outcrop but in 1875 an attempt to work the vein at depth was made by driving an E-W cross-cut. The drive was abandoned before the main vein had been intersected and the work was not taken up again until the early years of the 20th century when Thornthwaite Mines Ltd successfully worked the mine for a period of years. The cross-cut extends for 540 yards into the fellside and, although now collapsed a short distance from its forehead, still provides an interesting underground walk.

The first workings encountered are on the Francis Lode which apparently yielded little ore. The Rachel Wood Lode some 20 yards further inbye however was stoped out to almost 150 ft above adit and 60 ft below, the workings extending for a total of 90 yards along the vein. Just north of the main cross-cut a ladderway on this lode descends into the flooded stopes and from this point northwards there are several rises to the workings above in the form of manways and ore chutes. None of these appeared stable enough for a serious attempt to be made to reach the upper workings in this area. Beyond the rises are a series of trial levels which provided the party with some scope for exploration.

To the south of the main cross-cut the level on the vein is collapsed but the stope continues above. After some deliberation and failed attempts by the writer a tiger of hidden talent from Wilton named Forsdyke managed to secure a belay by lassoing a stemple high above the collapsed and hauled himself up onto an incline of loose deads where he discovered a well placed piton. The writer followed with more rope and it was then possible to continue the ascent of the incline as far as a gap in the floor with a collapse beyond. All of this area appears to have been stoped out for a considerable distance above and much of the supporting timbering is still in place though in a very unhealthy state.

Outside the mine we noted the pipeline which supplied the Thornthwaite mine from the reservoir in Comb Beck below the Whinlatter road. Where it crosses above the portal the pipe is suspended from a concrete beam bearing the company's initials. By 1912 Thornthwaite mine was down to 85 fm with

pumps driven by a 40 ft waterwheel and a 45 h.p. pelton wheel powered the dressing plant.

Dave Bridge

DATABASES - A REPLY

I saw your article on databases in the CATS Newsletter and though I had better write. Claris Works is another Mac package that has been taken over by IBM. It is given away 'free' with every Mac (though normally they do not give the latest version). So if you want to know any of its finer points, have a word with a Mac owner. Claris Works is the successor to AppleWorks on the Apple II machines (the grand-daddy of all PCs, just as AppleWorks is the grand-daddy of all 'works' packages: actually it still blows the socks off all of them for simplicity & speed when dealing with simple text - and it can be a relational database. I still keep the 2000 strong Arthur Ransome database on it rather than Claris or Filemaker on the Mac or dBase on the IBM).

Most of the more popular packages on the IBM (e.g. Word & Excel & Filemaker) have come from the Mac this way, Sadly, Word has recently been ruined, v5.1 was a delight, v6 a disaster.

There is a translator for converting ClarisWorks 4 to v3. It is a stand-alone programme & is free from Claris (on magazines), but I only have it for the Mac (as a dealer I have a dealer demo ClarisWorks 3 on one of the IBM, & it provides a very useful way of making documents portable. ClarisWorks 4 only runs under Windows'95)

If you need help, and have none to hand, feel free to ask, If you have e-mail our address is 101631.1642@compuserve.com

Copy of letter sent to Mark Simpson from Dave Sewart. (01954 719359)

Please send in your experiences of using various software packages in the field of Industrial Archaeology, to the Newsletter editor. Jon Knowles. A few words of wisdom here may save someone a lot of trouble - 'reinventing the wheel' (M.W.T.S.).

BOXING DAY MEET

Meet leader at short notice Mark Simpson.

Peter Fleming phoned up on Christmas Day evening at about 8.00 to say he could not make it on the morrow and could I step in, knowing that I could use some keen diggers

in connection with the Coniston Geological Survey.

I had just the place in mind - the Belman Hole X Cut. The object of the exercise was not purely to make a way through the blockage inbye to Dead Dog Passage, but in the act of removing rubble from the site would achieve several other objectives. The first was to shed some more light on what happens to the veins in the region of the bottom of 'Funnel' (The normal entrance to mines) overhead. This being achieved by the lowering of the stope floor level in this area. The other was, though at the time of writing no-one has been to see, by the act of tipping spoil down Windy Stope (Stope 6), the removal of the 'Egg Timer'. As referred to in reports on the Survey, it was now known that tipping the spoil down there would not destroy or cover up any thing of importance.

Boxing Day was frosty and cold and a keen band of people assembled at the BMSC Hut, five of us all told. John Davies fortunately had brought along two buckets. Other folks apparently turned up later but elected to stay on the surface.

After explaining the plan of action, which was now different from that advertised in the Meets List, and meeting no objections, we set off of the drag up to Levers Water.

The pitches were rigged in Windy Stope and the party was soon assembled in the level. I think it was about 11.30. We started work and it was a constant bash until 4.00 o'clock. Things slowed down towards the end of the day because of several factors, machinery failure (a bucket burst), and fatigue on the part of the workers (one of our number having to go in the middle of the afternoon).

Coming out was not without its moment of interest. The day being cold and the ropes wet and muddy and thus becoming frozen, my ascenders started slipping down the rope. However with a bit of sustained prussicking escape was achieved, Peter Fleming being there on top to welcome us out.

By the time all were on top darkness had fallen and it was snowing and somewhat cold. The floor in the funnel had not dropped at all !!

My thanks to all who turned up. Mark Simpson. January 1997

GEOLOGICAL SURVEY OF PADDY END MINE

After ebullient forays into Windy stope and dangerous danglings in Lake Stope from traverse lines the most recent contributions to the survey may appear a little tame, though essential. At the scheduled Boxing Day meet Angela's dig was pursued from the Windy Stope end - see Mark's report. Two subsequent survey meets have concentrated on the last sections of Top Level which had not been measured using tripods. On these occasions Angela Wilson joined the team.

Meet No.14 - 28.1.97 - DGB & AW

The 110 metres of main roadway through country rock from Stope 1 to the collapse at Top Level extension was surveyed together with the cross-cuts. One interesting result was that part of the parallel workings in Stope 1 were found to approach to within about 1 metre of the roadway. Round a 100 metre circuit of Top Level including Stope 2 and the main roadway the measurement error was found to be less than 50 cm, which is encouraging considering the difficult terrain in the Stope 2 branch.

Meet No.15 - 30.1.97 (evening) - DGB & AW

This was a quick excursion to survey the branch of Top Level in Stope 5 which follows a devious route intersected by many cross-faults. These measurements complete the survey in plan of the accessible parts of Top Level (excluding Top Level extension which is not included in the present exercise).

We noted while prussicking up the ladderway from Top Level that the sheath of the 50 metre Marlow rope was badly abraded at one point. This rope has now been cut, but it does highlight the fact that ropes that are regularly used and have become "old friends" don't remain friends for ever. CAT now have 3 new ropes, 40m, 60m and 100m, which are stowed in distinctive red and yellow bags and presently stored at Mandall's slate office to be handy for use at Coniston. It is recommended that these should now be used in preference to earlier club ropes which may be of dubious integrity (perhaps the tackle master should test them to find out - Ed.) and almost certainly older than the recommended maximum life.

Dave Bridge

COMMENT

This new feature is designed to let individuals air their personal views and hopefully provoke debate and comment. Views expressed here will almost certainly not be the official view of the society. We kick off this month with "Access".

Most books recommend that people get permission from the landowner before venturing underground, but how many active members really do this? Come on be honest. I believe that only a small minority of active people at the forefront of Mine Exploration in the UK always do this and the remainder follow the 11th commandment - don't get caught.

I have been caught a number of times but even on these occasions the reaction from landowners is not that severe. On one particular occasion the undersigned and a couple of colleagues had exited from a Derbyshire Lead Mine Sough on a bright sunny morning to find four employees of the metal processing company on whose land we were, walking purposely towards us. Since all four wore overalls, boots, helmets with full face visors and carried walkie talkies the situation looked a little bleak. I decided to take smaller steps than my colleagues and started to feel for my car keys in case a quick getaway was required. As the groups came face to face one of my friends walked straight up to the leader and said "I'm getting to old for this game" which immediately lightened the whole atmosphere and after a token reprimand we went on our way. It transpired that the people sent to find us had hoped that this would prove a pleasant diversion from their normal work and were disappointed to find us so quickly.

Returning to my main point I suggest that asking permission is only necessary/useful in the following cases :-

- When there is a good chance you might get caught.
- When you think that permission will be given (asking permission where you know it will be refused I believe to be pointless).
- When you are the leader of a large group which will never be able to act in a discrete fashion.

If you are going to knowingly trespass then a few guidance notes might be useful. These include :-

- Don't get kitted up until you are out of site.
- Practice phrases like "parlez vous francais" - a blue beret often helps.
- Don't damage any fences or steal any artefacts. Damage to fences which could cause a landowner to loose animals and hence money is the most common complaint of irate farmers, particularly in Wales . . .

FORTHCOMING MEETS

Basically forthcoming meets are as detailed on the Meets List. For those coming to Wales for the Britannia Copper Mine trip please note that I have recently found out that the Sherpa bus does not run until high summer so parking at Nant Peris is a non starter. If you can't park at Pen-y-Pass (which is very likely unless the weather is terrible) then it will be necessary to park in the Pen-y-Gwyrdd area and walk up - allow 30 minutes for this.

One of the many highlights of the forthcoming meets list will be a trip to the West of Scotland led by Ian Matheson over the weekend of the 14th, 15th and possibly 16th of June. There are numerous slate workings on the West Coast which provided slate to major Scottish towns such as Glasgow, many such as Easedale were on Islands and the pit workings were frequently overwhelmed with water. The plan is to use Ian's yacht to visit these workings particularly Cullipool on Leuing and the Isle of Belnhua in the Sound of Leuing which is approximately three miles offshore and where weather permitting it is possible to land. Due to the S.S. Matheson having only six berths the trip is limited to 12 people (2 trips rather than sharing !) There is camping at Kerrera which is 1 mile from Oban. This looks like an excellent trip.

Ed.

GREENSIDE BY SAM MURPHY

This hardback book has recently been published. My advice is simple don't delay any longer go out and buy it while you can since it will certainly become a sought after classic.

I have now read 389 of this books 481 pages and is an authoritative and detailed account

of this interesting mine which survived longer than most of its contemporaries. The book does not suffer the poor structure found in many mining histories and in my view is the best book which has been written to date on a single English Mine. The book also has many features which separate it from lesser works such as detailed references and a resume of each chapter. One of the best features of the book is that with the exception of some pages on smelting (not the reviewers main interest) it does not get too dry and includes much of the human side, including a murder. The book includes numerous characters such as "Mad Harry" who was briefly Manager and who not only wore a Stetson but drove up to the mine at a furious rate in an American car scattering passers-by from his path. One of the humorous sections includes the story of a mine pony called "Kipper" who apparently could not only take the cork out of miner's tea bottle and drink the contents but on one occasion stamped on a miners bait box to get at the flattened contents !

Unlike numerous mining books I could mention, but won't, the engineering side is covered very well with plenty about the extensive water power system employed. Does anybody know anything about the Haydon Bridge Iron Co. who manufactured much equipment for the mine ?

The books also details some of the subsidiary activities associated with the mine including the Penrith & District Road Carrying Company whose long list of accidents proves that they were a menace on Lakeland roads long before certain members of CAT came along.

Ed.

Rampgill Nenthead

Meet 17th November 1996. A fine but very cold day greeted 14 members (including four new members) in the car park at Nenthead. Our first intention was to visit the underground whimsey and Low Borehole Sump on the Scaleburn Vein (SV). The leader had first heard of this discovery about two years previously but had been unable to discover the access route. Member Dave McAnally had recently found a manway in the sub-level above the Scaleburn Horse Level (SHL), which descends to and so by-passes the collapse on the main level.

It took some time to get 14 members down the manway, then with some excitement the

new ground was explored. The horse gin chamber was soon reached and what a fantastic sight, the horse gin looked in very good condition. The only obvious damage appeared to have been caused when it dropped from its upright position. The shaft was covered with a raised iron grating and was about 60 feet deep down to a level. The shaft continued down beyond the level but was flooded. The grating prevented descent of the shaft, but a way down was found via a sump in the level outside the chamber. This sump was about 30 feet deep, it was descended into some flats, which had some very loose looking slabs in the roof. From the flats a short slope went down to a cross cut which led to the shaft. This area was explored, a raise contained various mining artefacts and in several places clog and stick prints were intact.

The SV was worked by the London Lead Co. down to the Quarry Hazel. Wallace says "that in 1768 they had a hydraulic engine working at the Engine Shaft (on the Rampgill Vein) and another working at a later date at the bottom of the Engine Shaft to pump water out of the SV workings, via a crosscut in the Four Fathom limestone". This crosscut can be seen on the Scaleburn Mine plan (Mines Dept No R274). Two flooded sumps were seen, one of which (according to Dave Bridge) appeared to be in the right position to connect with the crosscut.

The continuation of the SHL was followed for some distance. A number of collapses and two barrels, the second being fairly small (not for those with a big bone structure!) had to be negotiated. Several short raises and overhead stopes were explored, these contained various mining artefacts and it was obvious that another meet should be held to explore the area more thoroughly.

The days second objective was to explore the connection between the Scaleburn Cross Vein and Brownley Hill Horse Level (BHHL). The London Lead Company had added an extra 100 ft of depth to the Scaleburn mine (giving access to the Quarry Hazel) by the driving up of the BHHL following the course of the Rampgill Cross Vein (Dunham p 142).

Lunch was taken while the decent from the sub-level horizon was being rigged, the party then divided into two groups. The more energetic abseiled down a 30ft

sump to a short level which terminated in broken ground at either end. The shaft down to the BHHL was located in the right hand branch. It was decided to abandon the idea of abseiling down the next pitch, as a recent explorer had reported that the BHHL was now flooded up to the roof at this point. Hopefully the connection will be made next summer.

The second group returned to the SHL and went on to the Rampgill Vein via Whisky Bottle Corner. The new members viewed with interest the Great Cross Vein, Pattersons Raise and the Engine Shaft. Their route continued as far as the Rampgill Cross Vein, were NORPEX's long and courageous dig continues. So I am told, through its fourteenth collapse. Day was reached at about 5pm, a very satisfactory trip.

Sheila Barker

II.

Cumbria Amenity Trust Mining History Society - Committee Minutes November 1996

CUMBRIA AMENITY TRUST MINING HISTORY SOCIETY

Committee Meeting held on the Monday 11th November 1996 at the BMSC Hut, Coniston.

Agenda

- | | | | |
|----|----------------------------|----|--|
| 1 | Apologies for absence | 2 | Minutes of the last meeting |
| 3 | Matters arising | 4 | Secretary's Report |
| 5 | Treasurer's Report | 6 | Membership Secretary's Report |
| 7 | Meets Secretary's Report | 8 | Purchase of re-chargable drill |
| 9 | Publicity officer's Report | 10 | Furness Projects |
| 11 | Hudgillburn Mine | 12 | Newlands Furnace |
| 13 | Coniston Coppermines Site | 14 | Date and venue of next committee meeting |
| 15 | Any other business | | |

Present D. Bridge, S. Barker, J. Helme, J. Davies, P. Fleming,
I. Matheson, M. Mitchell, P. Sandbach, M. Simpson, P. Timewell
and A. Wilson.
11 Members in total.

The meeting commenced at 7.30 p.m.

1 Apologies for absence

None.

2 Minutes of the last meeting

The minutes of the committee meeting held on Monday 28th September 1996 had been previously circulated to members. It was PROPOSED by P. Fleming and SECONDED by A. Wilson "That the minutes be signed by the chairman as a true and correct record of the proceedings". This was carried unanimously.

3 Matters arising

- 3.1 Item 5.1 P. Timewell had returned his two spare copies of B-L-F.
- 3.2 Item 3.2 S. Barker had received a letter from A. Morris (Events Officer LDNPA) thanking A.D. Cameron for his contribution to their Archaeology Day at Brockhole.
- 3.3 Item 4.2 The Secretary had now received the draft management plan of the Skiddaw Massif, for comment.
- 3.4 Item 13 P. Fleming reported that the LDNPA had responded rapidly to his letter regarding the poor state of the Miners Bridge at Coniston. Work had started and already a great improvement could be seen.
- 3.5 Item 15.4 J. Davies reported after using a Marlow rope he had decided it would not be suitable for the societies use. It was decided to buy Edelrid 10 1/2 mm. Action M. Mitchell.

4 Secretary's Report

The Secretary had received:

- 4.1 A copy of the latest RFD newsletter.
- 4.2 The annual Insurance Certificate.
- 4.3 Catalogue of mine share certificates from B.R Moore.
- 4.4 Copies of the NCA Bulletin and training leaflets, to be sent to newsletter editor and the CAT library.

- 4.5 A letter from R. Calvin asking us to write to Copeland Council objecting to a planning application, which proposes to build houses on land adjacent to the Duke Pit Fan House. This was done.
- 4.6 The next NAMHO council meeting will be held at The National Coal Mining Museum at Wakefield on the 17th November.
- 4.7 A mine plan of Smallcleugh sent by B. Young.

5 Treasurer's Report

The treasurer presented a balance sheet covering the period since the last committee meeting. He made the following comments:

- 5.1 The figures below will be the 'end of the year' totals presented at the AGM.
- 5.2 The final balance of £3163 is £450 higher than last years, despite the production costs of the Coniston book. A very satisfactory position for the Society.
- 5.3 'Slate from Coniston' is now only £260 short of the production costs.
- 5.4 Journal No 4 is now in profit by £230.
- 5.5 The four new members who joined in October will qualify for membership in 1996 and 1997.

6 Membership Secretary's Report

I. Matheson reported four new members since the last meeting. These included the two thirteen year old boys discussed at the last meeting, who had already attended several meetings. I. Matheson pointed out new rules which apply to persons under 18 years. If we accept any fees from them (other than membership) we could be liable if they have an accident. Subsequently he had received several membership enquiries, normally about 50% of enquirers join.

7 Meets Secretary's Report

The meets secretary had completed the new meets list, the secretary had sent it out with the AGM papers.

8 Purchase of a Re-chargeable Drill

J. Davies and A. Wilson had both made enquiries into the price of a drill, the best price was £345 for a Boch Cordless Drill. It was decided to buy this, plus a spare battery and 6 drills. Action A. Wilson. M. Mitchell to buy anchor bolts.

9 Publicity Officers Report

A.D. Cameron had sent a written report to the secretary which included the following;

- 9.1 He had decided to do an almost 100% re-write on his 'Slate from Honister'.
- 9.2 A suggestion of a separate item to be on the AGM agenda enabling project leaders to give a progress report, was accepted by the committee. He would with P. Fleming lead a 'wander around Coniston' on the morning of the dinner, all would be welcome.
- 9.3 He had a very good turnout (18) on his Tilberthwaite meet, perhaps we should have more of this type of meet.
- 9.4 He suggested members go round the book shops again with 'Slate from Coniston' to catch the Christmas trade, of the 1530 copies printed he had 400 left.

10 Furness Projects

- 10.1 Woodbine Pit, Newton. Work on the chimney's concrete cap is continuing.
- 10.2 Furness survey. The surveying work would start again when the foliage had died down.

11 Hudgillburn Mine

A good turn out of 14 members over the weekend of 26/27th October saw the collapse in the old adit timbered and the re-building of the side walls completed. More rail was laid, enabling the removal of mud to continue. Next workmeet will be in January, please contact S. Barker for information.

12 Newland Furnace

J. Helme reported that work was proceeding satisfactorily on the solid infill above the corbelling. Two or three more workmeets would be needed to reach the top of the 'A' frame. J. Helme is happy to remain as the CATMHS representative for the project till this work is completed. When this stage is reached (the previously planned limit of the consolidation work) it was agreed to hold a meeting of interested parties, to decide the way ahead. The next work meeting will be on 30th November.

13 Coniston Coppermines site

P. Fleming reported that North West Water were nearing their intended goal of sealing the wooden plug beneath Levers Water, in the Paddy End Mine, Coniston. They are said to have located the top of shaft and marked it's position on the surface, but the marker could not be found. J. Davies suggested we should survey the area before it is sealed, all agreed to this suggestion. P. Fleming had contacted Mr. A. Chester (area manager NWW) asking to be kept informed of developments.

There had been 3 survey meets based around Windy Stope, another would be needed to complete the survey of this area.

14 Date and venue of next Committee Meeting

This was arranged for 7.30 p.m. on Monday 13th January 1997 at the BMSC Hut at Coniston.

15 Any other business

15.1 P. Fleming had received a letter from Bryn Trescathric (local historian) who is writing a book about the Furness iron mines, he requested the use of the CATMHS archives and collection of photographs. All agreed to this request.

15.2 M. Simpson thanked P. Fleming for the gift of a tripod for the theodolite.

15.3 Arrangements for the AGM were discussed, P. Fleming had received a letter from John Waddams saying he would speak for about 40 minutes and would need a blackboard. Action I. Matheson. P. Fleming and A.D. Cameron were to meet John Waddam at the Yewdale Hotel at 10 am on the day of the AGM for a "wander around the Coniston mines". Any members wishing to attend would be very welcome. It was decided to dispense with the raffle this year, to leave more time for socialising. J. Helme to buy crackers etc.

15.4 S. Barker reported that the NPHT intended to host the 1998 NAMHO Field Meet at Nenthead and suggested we should offer to help to organise the underground trips. All agreed to this suggestion. Action S. Barker.

There being no further business the Chairman closed the meeting at 10-00 p.m.

CATMHS Financial Statement		November 1996	
Balance September 1996			2987.46
Subs 4@ £10		40.00	
Literature sales			
Journal 4		31.35	
BLF		39.90	
Misc		4.52	
SFC		362.40	
Bank interest		0.07	
	Total	<u>478.24</u>	<u>478.24</u>
			<u>3465.70</u>
Expenses			
BCRA insurance		146.60	
Library (Radon u/g)		1.25	
Meeting room rent		6.00	
Mem Secretary expenses		40.28	
Sec expenses		45.24	
Publicity Officer's expenses		32.60	
Treasurers expenses		30.38	
	TOTAL	<u>302.35</u>	<u>-302.35</u>
	Balance		<u>3163.35</u>
Balance held as:			
Building Society		3036.84	
Bank		126.51	
	TOTAL	<u>3163.35</u>	

CUMBRIA AMENITY TRUST MINING HISTORY SOCIETY

Committee Meeting held on the Monday 13th January 1997 at the BMSC Hut, Coniston.

Agenda

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| 1 Apologies for absence | 2 Minutes of the last meeting |
| 3 Matters arising | 4 Secretary's Report |
| 5 Treasurer's Report | 6 Membership Secretary's Report |
| 7 Meets Secretary's Report | 8 Purchase of re-chargeable drill |
| 9 Publicity officer's Report | 10 Furness Projects |
| 11 Hudgillburn Mine | 12 Newlands Furnace |
| 13 Coniston Coppermines Site | 14 Date and venue of next committee meeting |
| 15 Any other business | |

Present P. Timewell, S. Barker, J. Davies, P. Fleming, M. Mitchell,
M. Scott and A. Wilson.
7 Members in total.

The meeting commenced at 7.30 p.m.

1 Apologies for absence

D. Bridge, I. Matheson and M. Simpson.

In the absence of the chairman P. Timewell **PROPOSED** that P. Fleming should chair the meeting, **SECONDED** by A. Wilson, all were in favour.

P. Fleming started the meeting by welcoming the new Treasurer, Meets Secretary and new committee member M. Scott.

2 Minutes of the last meeting

The minutes of the committee meeting held on Monday 11th November 1996 had been previously circulated to members. P. Fleming asked if item 15.2 could be amended to "M. Simpson thanked P. Fleming for informing him where he could purchase a tripod for the theodolite". It was then **PROPOSED** by M. Mitchell and **SECONDED** by A. Wilson, that the minutes be signed by the chairman as a true and correct record of the proceedings. This was carried unanimously.

3 Matters arising

- 3.1 Item 3.5 M. Mitchell had ordered an Edelrid 11mm rope, he expected to pick it up shortly and would leave it in Mandall's Office. All new ropes to be date marked. Action J. Davies. New rope bags to be bought and marked. Action D. Bridge.

4 Secretary's Report

The Secretary had received:

- 4.1 A copy of the latest CIHF newsletter, the yearly subscription was now due.
4.2 A letter from MOLES objecting to their members activities being reported in the CATMHS Bulletin. It was decided that MOLES activities should not be reported on without their permission, the secretary was asked to contact A.D. Cameron about this matter.
4.3 A letter from the BCRA reminding the society that guests on a meet were not covered by the third party insurance.
4.4 Copies of the latest Speleo Scene, the NCA Cavers Fair will be held in Darley Dale on the 11/14th July 1997.

- 4.5 A letter from Copeland Council informing us that the planning application which proposed to build houses on land adjacent to the Duke Pit Fan House, had been passed.
- 4.6 The next NAMHO council meeting will be held at The National Coal Mining Museum at Wakefield on the 23rd March. The 1997 Conference called 'Mud and Water' is also to be held at the same time and place as the NCA Cavers Fair (this could be a miss print).

5 Treasurer's Report

The treasurer presented a balance sheet covering the period since the last committee meeting. He made the following comments:

- 5.1 There were still twenty members who had not renewed their subs, there were now about 70 paid up members. A final reminder to go out with the next Bulletin.
- 5.2 The annual diner had not made a profit due to the absence of a raffle. The format of next years annual dinner to be put on the July agenda for discussion.

P. Timewell wished to convey his thanks to John Helme for all the help he had given him over the transfer period.

6 Membership Secretary's Report

I. Matheson was unable to attend the meeting due to an accident.

7 Meets Secretary's Report

J. Davies had received a letter from J. Knowles informing him of arrangements still to be made, to complete the details of the current meets list. The proposed exchange meet with PDHMS was discussed, they would like to visit the Wadd Mines and Greenside Mine. P. Fleming to look at the state of the bolt on the bottom pitch of the former and replace it if necessary. A meet to visit the Milwr Tunnel in the Halkyn mining district was being planned for the summer. The next meets meeting would be held on the 23rd March. J. Davies would need a key for Mandall's. Action S. Barker.

8 Purchase of a Re-chargeable Drill

This item was purchased and had been used successfully. Some more bolts and hangers were needed. Action M. Simpson.

9 Publicity Officers Report

A.D. Cameron had contacted the secretary, he intended to send out a Bulletin shortly.

10 Furness Projects

- 10.1 Woodbine Pit, Newton. Work on the chimney's concrete cap was held up due to the severe frosts.
- 10.2 Furness survey. The surveying work would start again soon.

11 Hudgillburn Mine

The January workmeet was hampered by a heavy snowfall, three hardy members did however make it. The Furness contingent towed a trailer containing two heavy steel objects, which hopefully will be used to roof the level as it enters the bedrock. Next workmeet will be in March, please contact S. Barker for information.

12 Newland Furnace

J. Helme had sent a written report. There had not been a work meet in December due to the Christmas holiday. He had been contacted by English Heritage and by the Royal Commission on the Historical Monuments of England, who requested a visit to the furnace site, prior to the start of their promised survey. As he was already arranging a meeting with M. Daniels (County archaeologist) to consider the way ahead at the Furnace, he combined the two visits. This will take place at 10 am on the 20th January. Any member available would be welcome to attend.

13 Coniston Coppermines site

P. Fleming reported that the Boxing Day dig to the Belman Hole area had been inconclusive, another meet would be required to put in timber to stop loose material running in. Action P. Timewell and J. Davies.

P. Fleming had contacted Mr. A. Chester (area manager North West Water) asking to be kept informed of developments, regarding their intention to seal the wooden plug beneath Levers Water. J. Davies thought we should contact Mr. Chester again, suggesting ways to seal the plug which would not destroy the surrounding area. All agreed to this suggestion and also to P. Fleming's offer to write to J Hodgson on the subject. Action P. Fleming and J. Davies .

14 Date and venue of next Committee Meeting

This was arranged for 7.30 p.m. on Monday 17th March 1997 at the BMSC Hut at Coniston.

15 Any other business

15.1 M. Mitchell reported that several mines previously marked on OS maps were not shown on the new Forest of Bowland and Ribblesdale Leisure Map (No 41). He asked if the committee agreed that the secretary should write to NAMHO, requesting them to contact the Ordnance Survey, to inquire the reason for this. All agreed to this suggestion.

15.2 P. Fleming reminded the committee that several years ago there had been a suggestion that CATMHS should make a video film of the Coniston Coppermines, but somehow it had never taken off. He thought we should think again about the subject, he had been contacted by J Roskell who was very keen to do the filming. All thought this was an excellent idea. P. Fleming PROPOSED "That CATMHS should produce a video film of the Coniston Coppermines" SECONDED by M. Mitchell. All were in favour. A sub-committee should be formed to plan this project, names were put forward. Action P. Fleming .

There being no further business the Chairman closed the meeting at 10-00 p.m.

CATMHS Financial Statement January 1997

Balance November 1996		3163.35
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Income

Subs 48@ £10	480.00	
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14@ £12	168.00	
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Donations

Major Hext	50.00	
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Mr. Cotton	15.00	
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Literature sales

Journal 4	36.30	
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BLF	14.95	
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Leaflets	150.00	
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Honister Slate	11.20	
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SFC	151.05	
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Annual Dinner

35 @ 12.50 - 11.95 (refund)	425.55	
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Yewdale refund	11.95	
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Bank interest	0.39	
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Total	<u>1514.39</u>	1514.39
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		<u>4677.74</u>
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Expenses

Photo copying CCC	8.46	
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Printing Staples	14.84	
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Auditors Fee	12.00	
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Meeting room rent	3.00	
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Equipment Drill etc.	502.94	
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Sec expenses	40.88	
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Treasurers expenses	31.07	
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Annual Dinner Speakers expenses	31.00	
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Annual Dinner Yewdale 36 @ £11.95	430.20	
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Project Woodbine	12.70	
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TOTAL	<u>1087.09</u>	-1087.09
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Balance		<u>3590.65</u>
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Balance held as:

Building Society	3305.24	
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Bank	285.41	
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TOTAL	<u>3590.65</u>	
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CUMBRIA AMENITY TRUST MINING HISTORY SOCIETY BALANCE SHEET 1/11/95 to 31/10/96

INCOME

Balance	b/f	1/11/95	2707.87
Subscriptions		992.00	
Donations		134.25	
			1126.25
Income Tax Rebate		104.82	
Total Interest		117.57	
			222.39
Profit A.G.M. & Dinner			28.78

LITERATURE SALES

Journal No. 3	24.62
Journal No. 4	451.70
Honister Slate	75.00
Beneath Lake Fells	589.85
Misc.	179.47
Slate from Coniston	3530.35
	4850.99

TOTAL

8936.28

TOTAL EXPENSES

5772.93

FINAL BALANCE

3163.35

BALANCE HELD AS:

BUILDING SOC.	3036.84
BANK	126.51

TOTAL

3163.35

EXPENSES

Rent of Meeting Room	21.00
Auditor Fee	12.00

EXPENSES:

- - - Sec.	163.42
- - - Treasurer	65.38
- - - Membership Sec.	191.16
- - - Publicity Officer	140.05

SUBSCRIPTIONS:

- N.A.M.H.O.	15.00
- Local History Fed.	6.00
- N.C.A.	3.00
- B.C.R.A.(Insurance)	146.60

PROJECTS:

- Mandell Office(Rent)	50.00
- Hudgill Mine	446.23
- Woodbine Chimney	16.00
- Relic Survey	84.07
- Library	1.25

TACKLE - 110 m. Rope

150.00

PRINTING:

- Leaflets(H.S.P.)	122.00
- Newsletter etc. (Staples)	418.04

LITERATURE

Production "Slate from Coniston"

3721.73

TOTAL EXPENSES

5772.93

SIGNED

John Holme **TREASURER**

1/11/96

AUDITED & FOUND CORRECT:

B. Anderson 2.12.96

NAMHO Conference '97

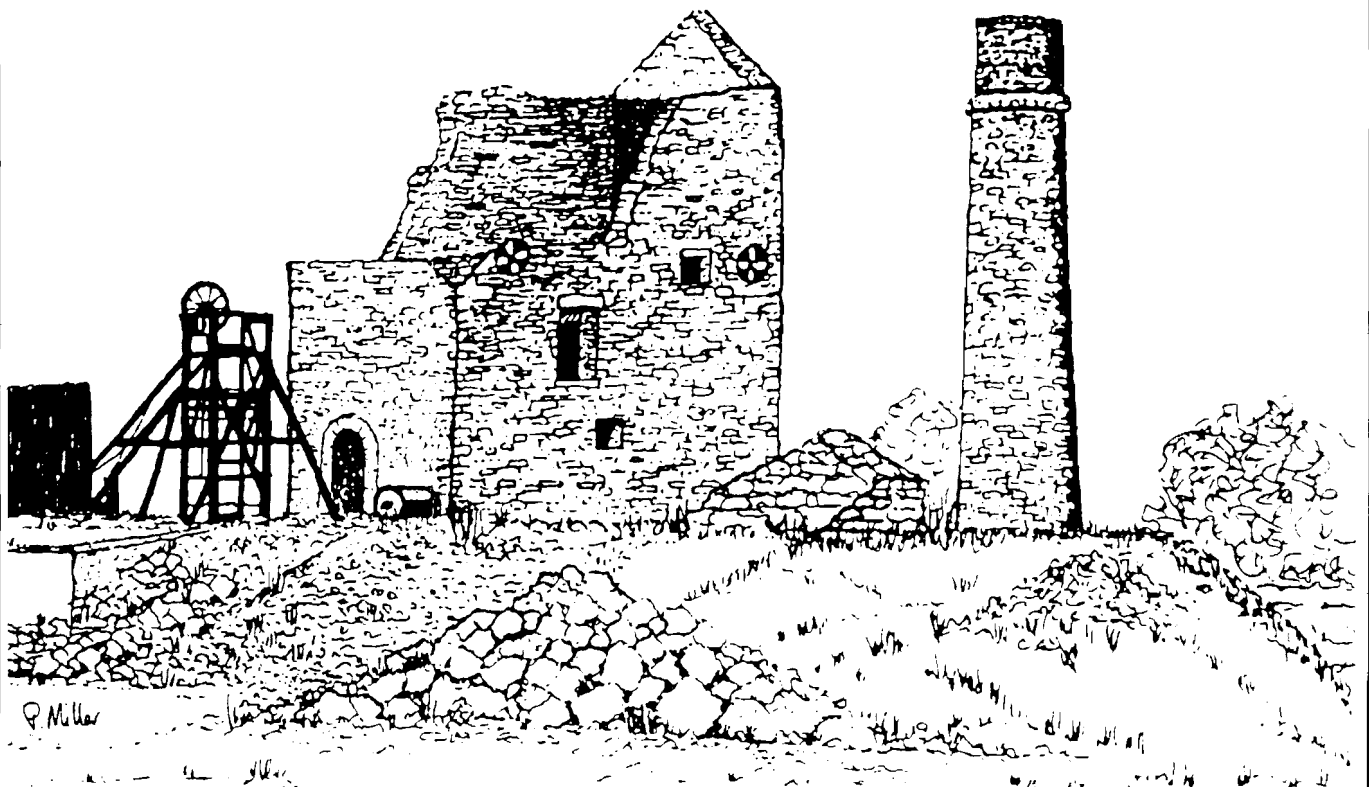
Hosted by The Peak District Mines Historical Society

Mining History Conference:

"Mud and Water"

11th to 14th July 1997

*St. Elphin's School, Darley Dale,
Nr Matlock, Derbyshire.*



Maggie Mine Engine House - Sheldon

National Association of Mining History Organisations

Mining History Conference

Provisional Programme

Lectures: (Saturday and Sunday)

Dave Warriner	on	Old Millclose Mine
Ivor Brown	on	Underground Canals
Ian Forbes	on	Killhope Underground Water Wheel
Alan Scopher	on	Swillington - Open-cast Coal & the Vanishing River
Paul Sowan	from	Subterranea Britannica
John Gunn	on	Cave Systems of the Northern White Peak
Roger James	on	Water Resources in Mining Areas
Nigel Bannerman	on	Bronze-age Coast Project
Jonathan Wright	on	Caves and Mines of Anglesey
Bob Metcalfe	on	Pleasley Colliery

Plus others to be confirmed

Seminars: (Saturday and Sunday)

Cave Videos	David Webb (MCG)
Froth Flotation	James Shelley (Laporte Minerals)
Maggie Engine House Restoration	Alan Mutter
Wills Founder Hydraulic Engine Project	
Gold Mining and Panning	Lyn Willies

Industrial Visits:

Lead Smelter (H J Enthoven & Sons)	Friday
Cavendish Mill (Laporte Minerals)	Friday
Dene Quarry (Tarmac)	Friday
Middleton Mine	Monday

Surface Field Trips:

Winster & Bonsall Mining	Jim Rieuwerfs	Saturday (all day)
Mining Museum & Temple Mine		Saturday
Pindale Mines & Dirtlow Rake	Chris Heathcote	Sunday (all day)
Stone Edge Chimney		Sunday evening

Underground Field Trips:

Yatestoo Sough	Friday	Easy Trip
Horsebuttocks Mine	Saturday	Difficult & Wet Trip
Ecton and Dale Mines	Saturday	Easy Trip (all day)
Long Rake Spa Mine	Saturday	Medium Trip (dry)
Good Luck Mine	Sunday	Easy Trip (dry)
Maggie Sough	Sunday	Difficult & Wet Trip
Jugholes Mine / Cave	Sunday	Medium Trip (muddy)
Old Millclose Mine	Sunday	Difficult Trip
Masson Mine	Monday	Easy Trip (dry)

For more details contact Paul Chandler 01246 220773 (evenings)

Additionally:

SRT Training (NCA)
Club & Trade stands
Book sales

Accommodation:

Single, twin and multiple-bed rooms are available on site.

We will try to allocate rooms to meet your requirements if a preference is indicated on the booking form, but some compromise may be necessary. Early bookings will have priority.

Accommodation cost is £13.50 per person per night, with a discount of £5.50 if you book for all three nights (making a total of £35).

Camping / Caravans:

Part of the sports ground at the site is available for camping, with an adjacent area of hard-standing for caravans and camper vans. A nearby building will be open for washing and toilet facilities.

Camping or Caravan cost is £3.00 per person per night, with under 16's free.

Meals:

Breakfast, lunch and dinner can be taken in the Hall if booked in advance. Prices are given on the enclosed booking form.

Packed lunches will be available (instead of lunch in Hall) for those on field trips. These should be booked in advance, when field trips are booked.

A packed supper is available on Friday evening for those arriving after dinner time (6.45). Please indicate this on the booking form if required.

Sunday evening meal will be at a local pub.

A licensed bar will be open lunchtimes and evenings.

Saturday Night Event:

There will be a social gathering on Saturday evening with a meal and bar, but no organised entertainment.

Vegetable Soup
Shepherd's Pie (Vegetarian also available)
Sponge pud
Cheese and Biscuits
Coffee

Conference Fee:

There is a fixed conference fee for the whole weekend of £20 for each delegate.

The fee is reduced to £15 for bookings received before the end of April 1997.

Further details / Bookings:

Send booking forms and cheques (payable to P.D.M.H.S. Ltd) to :-

John Thorpe
The Old Bakehouse
Cobden Road
Matlock
Derbyshire DE4 3JR (Tel: 01629 582521)

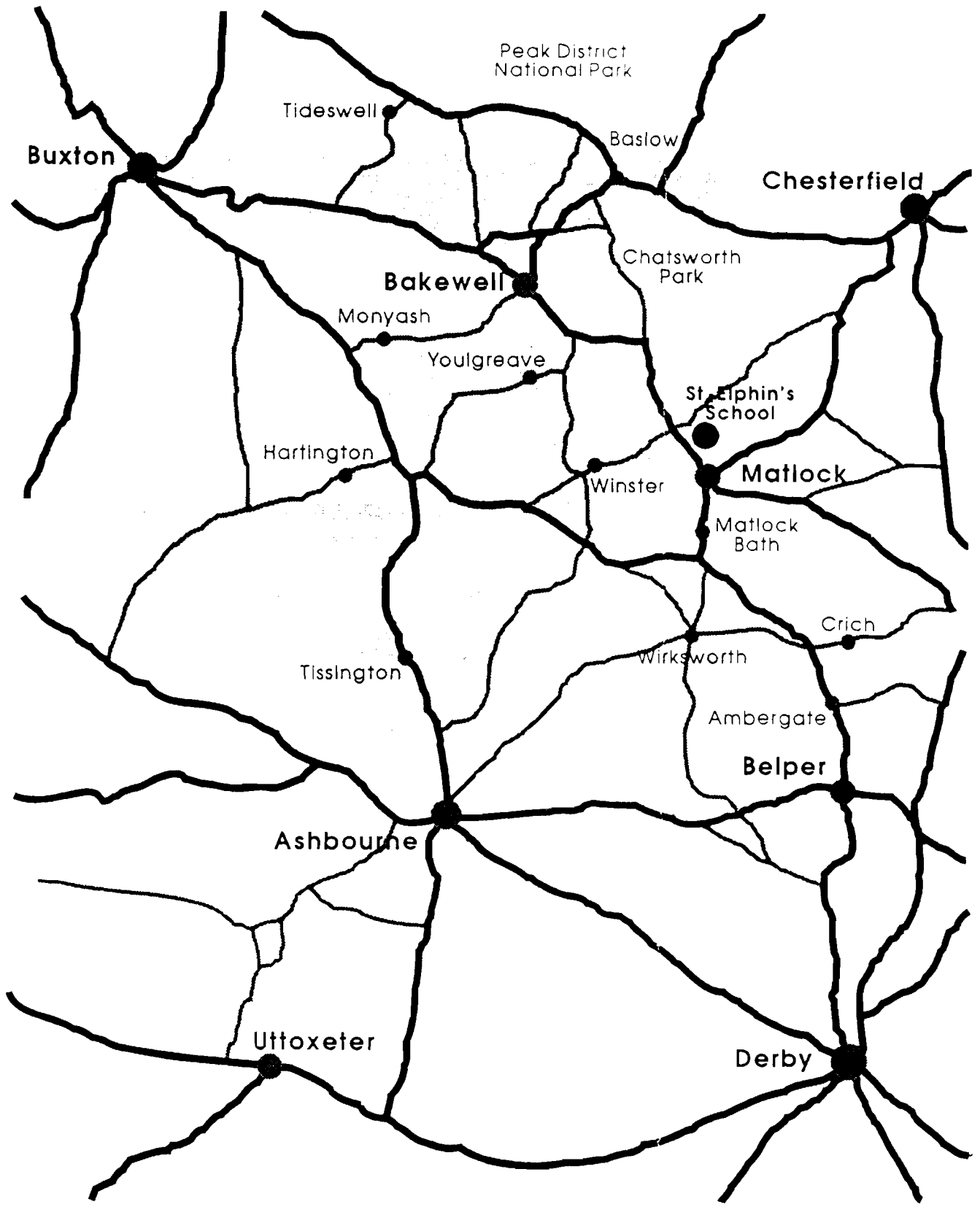
Further programme details and a location map will be sent together with a booking receipt.

A conference pack will be available when you register on arrival.

Additional booking forms can be obtained from John Thorpe.

St. Elphin's School, Darley Dale

Is located on the A6 road between Matlock and Bakewell, about 2 miles North of Matlock.





NAMHO Conference '97

BOOKING FORM

Name: _____

Society: _____

Address: _____

Postcode: _____

Telephone: _____

Send booking forms and cheques
(payable to P.D.M.H.S. Ltd) to :-

John Thorpe
The Old Bakehouse
Cobden Road
Matlock
Derbyshire
DE4 3JR (Tel: 01629 582521)

Please indicate quantity required in
boxes. Leave blank if not required :-

Conference Fee:	(Per person)	Early booking	<input type="text"/>	@ £15.00 = £	_____
		Booking after April 1997	<input type="text"/>	@ £20.00 = £	_____
Friday 11th July:		Dinner	<input type="text"/>	@ £3.50 = £	_____
		Packed Supper	<input type="text"/>	@ £3.50 = £	_____
		Overnight Accommodation	<input type="text"/>	@ £13.50 = £	_____
		Overnight Camping	<input type="text"/>	@ £3.00 = £	_____
		Overnight Caravan	<input type="text"/>	@ £3.00 = £	_____
Saturday 12th July:		Breakfast	<input type="text"/>	@ £2.50 = £	_____
		Lunch	<input type="text"/>	@ £3.50 = £	_____
		Dinner (Saturday Night Event)	<input type="text"/>	@ £6.00 = £	_____
		Overnight Accommodation	<input type="text"/>	@ £13.50 = £	_____
		Overnight Camping	<input type="text"/>	@ £3.00 = £	_____
Sunday 13th July:		Overnight Caravan	<input type="text"/>	@ £3.00 = £	_____
		Breakfast	<input type="text"/>	@ £2.50 = £	_____
		Lunch	<input type="text"/>	@ £3.50 = £	_____
		Overnight Accommodation	<input type="text"/>	@ £13.50 = £	_____
		Overnight Camping	<input type="text"/>	@ £3.00 = £	_____
Monday 14th July:		Overnight Caravan	<input type="text"/>	@ £3.00 = £	_____
		Breakfast	<input type="text"/>	@ £2.50 = £	_____
		Packed Lunch	<input type="text"/>	@ £3.50 = £	_____
		Discount for ALL THREE NIGHTS Accommodation	<input type="text"/>	@ £5.50 = £ (_____)	

Total = £ _____

Please indicate any special dietary requirements: _____

Please indicate accommodation preferences: _____

CUMBRIA AMENITY TRUST MINING HISTORY SOCIETY

HONORARY PRESIDENT Lord Egremont

VICE PRESIDENT Major Hext

Officers for 1997

CHAIRMAN Dave Bridge, 28 Abbey Vale, St. Bees, Cumbria
01946 822484

SECRETARY Sheila Barker, 411 West Shore Park, Barrow in
Furness, Cumbria, 01229 472296

TREASURER Paul Timewell, 10 Athens Drive, Barrow in
Furness, Cumbria, LA13 9ND, 01229 839708

MEMBERSHIP SECRETARY Ian Matheson, Lanehead, Coniston, Cumbria,
LA21 8AA, 01539 41293

NEWSLETTER EDITOR Jon Knowles, 6 Ferncroft, Hightown,
Liversedge, West Yorkshire., WF15 8DT,
01274 871012

MEETS SECRETARY John Davies, 1 High Park Cottage, Little
Langdale, Ambleside, Cumbria, LA22 9NS,
015394 37354

JOURNAL EDITOR Don Borthwick, 38 Salcombe Gardens,
Tyne & Wear, NE9 6X2, 0191 482 2873

TACKLE MASTER Chris Jones, 3 Bell Hill Cottages, Marton, Lindal
in Furness, Ulverston, Cumbria, LA12 0NF,
01229 63892

LIBRARIAN/ARCHIVIST Anton C.P.Thomas, 189 Greengate Street,
Barrow in Furness, Cumbria, 01229 835951

PUBLICITY OFFICER Alistair Cameron, Linden Lea, Pass Street,
Eckington, Nr Pershore, Worcestershire,
WR10 3AX, 01386 750494

Committee Members

Peter Fleming
Ian Matheson
Angela Wilson

Mark Simpson
Dave Bridge
Sheila Barker

Paul Timewell
Mike Mitchell
John Davies

Honorary Members

John Marshall

Mike Mitchell

Peter Fleming