



**Cave Exploration Group
(South Australia) Inc.**

C/O SOUTH AUSTRALIAN MUSEUM, NORTH TERRACE, ADELAIDE.

ANNUAL REPORT 1976-77

**TWENTY FIRST ANNUAL REPORT to be presented to
the Annual General Meeting on Wednesday,
23rd February 1977 at the
Museum Lecture Rooms - North Terrace,
Adelaide at 8.00 p.m.**

CAVE EXPLORATION GROUP (SOUTH AUSTRALIA) INC.

TWENTY FIRST ANNUAL REPORT

1976 - 1977

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PRESIDENT'S REPORT

Ladies and Gentlemen,

I am pleased to present to you the Twenty First Annual Report of the Cave Exploration Group (South Australia) Inc. We have now come of age and can be proud of our achievements over the past twenty one years. Our relationship with both local farmers and Government Departments has always been good and I hope that they will remain so in the future.

A large percentage of effort in the past year has been taken up by the special projects at Naracoorte for the National Parks and Wildlife Service. The excavation of the pilot tunnel for the new exit way in Victoria Fossil Cave is nearing completion and all the preliminary survey work has been done. The remaining survey work cannot be done until all the reorganization of the tourist section of the cave has been completed by National Parks. With the completion of this work the Group should be richer by approximately Three Thousand Dollars (\$3,000.00) less a few minor expenses which should not run to more than about three hundred dollars (\$300.00).

Occasional Paper No: 5 (South Australian Cave Reference List) is now out and available for purchase. It is virtually a resume of the Groups records listing all caves and karst features known to the Group up till the end of 1975. It also lists the information recorded on each cave and a quick look through the book shows that there is a lot of information missing. It is hoped that it will give members the impetus to go out and get the information so that we will have a complete record of all South Australian Caves.

The range of CEGSA slides for sale at Naracoorte has been increased during the year and it is hoped to increase it even more in the next year including selected sets of slides. With the increase in number of slides available we should have an increase in sales as well as reduce the sales of the opposition. We have also provided the Kiosk with a new slide display box which is capable of displaying up to 60 slides so we need some more good slides to use as masters (particularly in the tourist caves) to increase our sales even more.

The three main social events during the year were very well attended and very successful. The auction was a great financial success and allowed the Occasional Paper No: 5 to be printed. Thanks must go to Pat and Tony Lake for the use of their home as they must also be thanked for allowing us to change the venue of the Annual Dinner from a Hotel or Restaurant type dinner to an informal get together in their home. This made a very welcome change and I feel sure that the new Committee next year will be looking for something similar. The V.S.A. - CEGSA Dinner at Naracoorte also had a change of venue this year. Instead of the usual Hotel dinner we went to the Old Mill Museum where the ladies auxiliary put on an excellent meal which was followed by much fun and revelry into the small hours of Sunday morning. Everyone enjoyed it and are looking forward to next years get together with V. S.A.

It was very pleasing to see a large representation from CEGSA at the Conference in Canberra. About 12 members attended and two papers were presented by CEGSA members. Ian Lewis presented a paper on cave diving on behalf of Peter Stace who could not attend because of illness, and David Hawke who is now in New Zealand gave a paper on problems of siltation in Waitomo Caves in New Zealand. CEGSA fielded a team in the Speleosports and must be congratulated on coming second behind a Queensland team. The Conference was very successful and a large selection of field trips were available afterwards. Some of the CEGSA members visited most areas.

A documentary film on caving and cave-diving is being produced by Richard Sprodd, photographer at the Adelaide Childrens' Hospital, and a new member of CEGSA. Two filming sessions have been carried out, one in the Victoria Fossil Cave and the other in Tantanoola Lake Cave. A large amount of support was required to carry all the Camera, Lighting and Diving equipment into these caves. From all reports the results are very pleasing and I must congratulate Richard on a fine effort. I must also thank Richard for allowing us to use his lighting equipment to take still photos in the tourist caves at Naracoorte both for slides and for the new Naracoorte publication by the Foundation.

Finally I would like to thank the Committee for the work and cooperation they have given me and the Group in the past year and hope that the new Committee carries on the good work of the past. I wish the Group every success in all its activities in the future.

ATHOL JACKSON

COMMITTEE

Your Committee for 1976 has been:

Athol Jackson	President
Graham Pilkington	Vice-President (Records)
Jane Wilson	Secretary (Treasurer)
Rod McDougall	Quartermaster
Pat Lake	Library
Ed Bailey	Publications
Kevin Mott	Search and Rescue

SECRETARY'S REPORT

CEGSA enjoyed 3 very successful social functions during 1976. Firstly, there was a Games Evening and Auction held at Pat and Tony Lake's house, which proved to be an outstanding success both socially and financially. Secondly, the Annual V.S.A. / CEGSA Dinner held at Naracoorte, but this time in the Old Mill Museum. It was voted to be the best of its kind up to date. Thirdly, we had our Annual Dinner, which also found itself at Pat and Tony Lake's house. Once more a great success. Thanks must go to Pat Lake especially for putting so much time and effort into the two events.

The following presentations were made at the dinner:

SPIRIT OF CAVING :	Gordon Peterson
LEATHER MEDALS :	Rod McDougall,
	Kevin Mott,
	Linda Whaley,
	Dot Peisley.

A notable event was the publication of Occasional Paper No: 5 by Ian Lewis, which is selling well at present in the Group and Interstate.

JANE WILSON

TREASURER'S REPORT

1976 saw a couple of expensive ventures for the Group. These consisted of an electric typewriter, and the publication of the Occasional Paper No: 5, which was written by Ian Lewis. Hopefully, the improved quality of the typing will more than pay for the typewriter. Another expense to the Group was the A.S.F. subscription which almost doubled, creating rather an expensive year for subscriptions.

Due to the increase in social functions, CEGSA managed to recoup some of its expenses. Money was raised from a games evening and auction and two dinners - the CEGSA / V.S.A. Dinner and the Annual Dinner.

The No: 2 Account, the Slide Account now stands at \$77.40, much below last year's total. Account No: 3, the Alan Hill Memorial Library Fund has \$30.63 plus \$300.00 in deposit stock. Account No: 4 has been put to good use on Occasional Paper No: 5 leaving it with a balance of only \$9.69.

JANE WILSON

PUBLICATION OFFICER'S REPORT

Despite a very full and active caving year, the number of Trip Reports submitted for publication in the Newsletter has continued to decline; only 16 reports were published in the whole year, and none in the last issue! Other contributions have also declined; only two letters to the Editor and one technical article were received in the year. Despite this gloom, sufficient material has always been available to provide a reasonably sized Newsletter each quarter, and for this I would like to thank the same faithful contributors that I thanked in the last Annual Report.

The Group has recognized the importance of good reproduction in its publications by firstly purchasing an electric typewriter and secondly by having the duplicator overhauled. So now we have the facility to cut good quality stencils and to then reproduce from them clear and clean printing.

The supply of illustrations for the front cover of the Newsletter is almost exhausted, so repeating my plea from previous Annual Reports (and frequently in between!) get those cameras out and produce a few masterpieces. If you use black and white film, then the subsequent processing is much simpler and better print results.

ED BAILEY

EDUCATION SUB-COMMITTEE REPORT

Investigation by Trevor Bailey has shown that a good, educational colour slide set could be sold to the South Australian Education Department but it would be uneconomic for us to produce such a set solely for that purpose, because the Department would do all the reproduction and pay us a nominal "copyright" type of fee that would barely cover the cost of the original slides and definitely not cover the rest of the roll exposed to get the one 'good' picture.

A new set of slides has been created for public sale (Naracoorte Kiosk only, at present). There are 16 just now, but expansion is expected until self-competition rather than opposition sales are the limiting factor. A new 60-slide viewer was constructed and installed at the Naracoorte Kiosk as an aid in inducing the public to purchase our slides. The viewer is CEGSA property.

An eight-lecture course given by Rod Wells, Ed Bailey and myself for teachers has been assembled as an introduction to caving and caves and should be produced as a pamphlet in the near future for distribution to interested people (especially new members).

Aid was given by CEGSA to the Subterranean Foundation (Australia) in its efforts to produce an enlightened tourist book for visitors to the Naracoorte caves. History and Speleology have been interwoven into an entertaining description of the caves the tourists can visit. We wish the production every success.

GRAHAM PILKINGTON
Chairman

LIBRARIAN'S REPORT

The aim this year has been to bring the filing and catalogue system up to date. Many thanks to members who assisted with the filing. Unfortunately I have not had time to work on the catalogue cards. However, I hope that this can be completed by the next Librarian and a list of all books and articles published in a Newsletter.

In recent years there has been an increase in the number of caving groups. Consequently newsletters and publications received by the Group are pouring in at a rapid rate. With the library bulging, perhaps it is time to be more selective about which newsletters are kept for a long term. I suggest that some newsletters, e.g. those not directly related to caving, should be kept for one year only. This would give more room and also make it easier for those using the library. This matter will need further discussion at a General Meeting. Your suggestions are welcome.

The library is available for use by all members. I'm sure there is something of interest for you.

PAT LAKE

RECORDS REPORT

The promised South Australian Cave Reference Book by Ian Lewis became available this year and is A MUST for all CEGSA members (means less work for the Records Keeper!) Seriously, the real value of the book is the illustration to newer members that even though most of the State's significant caves have already been found, very little is really known about them. Close examination will also show that many well-troged caves have not yet been mapped!

We now have about 100 A2 maps in Records, maintaining an average of one per week. A vertical hanging file has now become a necessity to protect the originals from damage by trapped dust. Such a unit holding approximately 1,200 sheets (we have nearly 700 printed) costs \$330.00 including Sales Tax and was approved in principle during the year. Lack of finances prevented purchase but this problem should be overcome during 1977. Money to be obtained from the National Parks and Wildlife Service for maps of Victoria Fossil Cave will be the likely source.

Numbering of the non-A2 maps has been considered and will be dealt with by using fictitious sheet numbers from 1000 to 1999 (to allow for "specials" of non-A2 size as requested occasionally by outsiders, we do not actually have 1000 of them).

Cross-reference indices have been developed during the year to facilitate map access.

Trip Reports to Records are almost non-existent these days. A copy of our Newsletter has replaced the old Trip Report Book format. I'm not sure if duplication as separate Trip Reports to Records is warranted these days as so little new information is forthcoming other than maps, which I get.

Do we have any bored housewives (housepersons?) who would enjoy reading old trip reports? If so let me know, I've got plenty. Of course, there is one small catch, they would have to sort and catalogue them before reading the next.

GRAHAM PILKINGTON

SAFETY AND TRAINING REPORT

Although CEGSA has managed to complete another year without a serious caving accident there was a potentially serious situation at Kangaroo Island at the end of the year when a member of a party broke his heel on a loose rock.

Several instances of people being lost or overdue occurred during the year; generally involving the newer, inexperienced members of the group. From this it is evident that new members are not receiving sufficient training. Factors causing this include a rapid increase in membership and the large number of work trips to redevelop the Victoria Fossil Cave, particularly later in the year. Even so we must avoid becoming complacent if we are to maintain our record.

Field trips to practise laddering and abseiling received encouraging attendance from new members and more are planned for next year. More 'tourist' trips should be undertaken next year with regard to giving new cavers practical experience in caving techniques. With this in mind a list of techniques used when caving is being prepared and should be ready for distribution early in 1977.

At present I am compiling a list of emergency facilities such as police, ambulance, hospitals and doctors within each caving region. This would assist trip leaders to find the nearest facility if ever required. Trip leaders should have a knowledge of first-aid and a St. Johns course would be worthwhile undertaking. How many people have done one recently or carry a first-aid kit on caving trips. A new call-out list of people available for search and rescue has been handed to the police.

A Niel Robertson stretcher should be available to the group in 1977 and will be useful in conjunction with the Paraguard stretcher housed in the ticket office at the Naracoorte Caves.

KEVIN MOTT

MEMBERSHIP REPORT

As in past years, this year has had a considerable turnover with numbers rising slightly. However it is pleasing to note that the general trend is towards Full membership and this year they outnumber the associates. Many of our older members have ceased to become active and many have not renewed their membership this past year.

Fortunately CEGSA has always appealed to the younger set and we have some who are awaiting their eighteenth birthday to apply for full membership. Those who have attended general meetings must have noted an upsurge in visitors, most of whom, I'm pleased to report have joined the club. Many of these new associates have been caving before and have become enthusiastic enough to come along and see what CEGSA does and how they can become part of it.

The benefits of belonging to CEGSA speak for themselves - access to club records, equipment, cave locations, new techniques and a general comradeship. On top of all this CEGSA can press home the need for conservation and preservation of our caves.

Many trips have been run this year to almost every area in the State and even interstate. It is worth noting that more people are organising trips of their own and it would be nice to see more of these trip reports in the Newsletter. This keeps others up to date and informed on activities and our editor busy.

With inflation worldwide, it has also affected CEGSA and we regret that we must increase membership fees this year. However our fees are still well below those of many other clubs and it is our first increase in many years.

This year no Honorary Associate members were nominated and these have been deleted from the list.

	1973	1974	1975	1976	1977
Honorary Life Members	6	6	7	8	8
Full Members	37	48	47	45	48
Associate Members	40	41	47	33	44
Total:	83	95	101	86	100

DOT PEISLEY

QUARTERMASTER'S REPORT

The number of trips run in 1976 appears to have decreased slightly from the previous year, causing a drop in gear use. The practice of single rope techniques seems to have worn off as our new toy, and the use of ropes etc. has been drastically less than in the great abseiling era of 1975.

A few trips have, however, been run which were interesting from a gear point of view. Two trips to the Northern Flinders Ranges located and explored Wooltana Cave, which contains a 60m pitch.

The amount of additional thought and effort required in setting up the gear must increase exponentially with depth, judging by the time we took discussing and rigging the pitch. It was the first time we had seen 10 ladders linked in South Australia. Normal belaying practices were impossible, since the weight of the rope completely disguises the climbers movements on the ladder. Running belays using a sliding jumar was the best alternative. It is a great pity we haven't got a few more caves like it.

LADDER MAKING

Following abysmal response in attending sessions, ladder making fell to nil after about April or May. Regularly working with only one or two people became extremely annoying for the few who did attend.

The other problem has been slippage of rungs on several ladders. I think this is attributable to variations in the swaging of the ferrules. I can only suggest at this stage that the particular rungs be fixed by epoxy resin as used in the eastern states. Further serious thought is needed on this subject.

ROD McDOUGALL

** (The swages used are to clamp two ropes together, as in making a loop, using them on one rope is not satisfactory. Suggest a small piece of rope is put in each swage to avoid this trouble.) Ed.

CAVING ACTIVITIES

Yorke Peninsula Region

Another relatively quiet year due to activities at Naracoorte.

A one-day visit to Town Well Cave was led by Rod Wells to investigate the sites of the bone material extracted from this cave. Further skull, jaw and other bones were carefully extracted from the main bone site (an old blocked-up shaft 30m north of the present shaft) by Rod and Barbara. The reported site of a single tooth of *Thylacolaes* in a southern part of the cave proved to be devoid of a major bone deposit, only a few small rodent-sized bones and jaws being uncovered.

A few small surveying trips have been led to Corra-Lynn to continue the mapping work of the Upper levels around the Crystal Chamber. Approximately 300m was resurveyed to Grade 4 to replace that done earlier at Grade 2 and a further 100m at Grade 4 continued to the Northern Floor Hole. Discovery of more than 100m of Upper and Middle-level passages was made north of the Northern Floor Hole, making this name obsolete'. The area has been called the Northern Cross because it contains a nearly symmetrical crossing in the Middle-level passage of smooth regular section (and also in contrast to the Southern Cross in the Wombat Runs).

The area has not yet been fully explored for direct leads, but, as usual, potential digs are everywhere.

A surface examination was conducted of the cave potential of the lower end of Yorke Peninsula around Stenhouse Bay / Marion Bay. The geology consists of alternating layers of calcareous aeoleanite and calcrete of up to 100m thickness (mostly above sea-level) but only has a rainfall of near 250 mm per annum.

All caves found were barely more than holes. Characteristically, they consist of a near-circular tube through the surface sheet calcrete (caused by the acidic nature of tree roots?) and then a low dirt-floored chamber beneath the calcrete. I did not see any two-level caves but I did not actually enter any hole so that the possibility cannot be ruled out. However, little prospect is held for extensive caves in this region as the calcrete layering is evidence of a continuous period of dry climate during deposition of the "limestone" which appears to be reasonably continuous to the present day.

GRAHAM PILKINGTON

Lower South East

A large trip to Glencoe over Easter saw survey teams spread over the South East tidying up much of the uncompleted work. As a consequence many new maps including the infamous Bald's (SL 92), SL 116, SL 118 and SL 174 are now in CEGSA Records.

Gran Gran corner received a considerable amount of attention during the year. The area map showing the caves in relation to each other is finally completed and the cave maps themselves are almost completed (unless some twit finds an extension). Graveyard Cave was extended about 30m through some wet suit shredding mud diving. This cave was connected to SL 37 through a small dig. An extension to Gran Gran Cave was found hiding behind a Bluebottle (Mott proof) size squeeze. Between successive visits to the area in April and July a new cave (SL 173) opened up in the forest. SL 86 has opened up after a giant bonfire removed the pine slashings.

A trip to Monbulla surveyed in the surface features around Monbulla Cave and relocated Wrecked Car Cave which no longer has a wrecked car at the entrance. The Monbulla Cave map was found to be very generalised and would make a worthy project for some budding surveyor. Tourist trips were run to Glenelg River and Tantanoola Lake Cave.

KEVIN MOTT

Murray Plains

Several small trips to this area occurred during the year. Although many people knock the area I feel it is interesting and warrants further investigation. Maps of Bakara Well Cave and the Bakara Well area were completed.

A new cave north of Swan Reach was explored till progress was stopped by a couple of scorpions. The Marne River has been rumoured to contain caves and some of its valleys contain interesting caves caused through erosion.

KEVIN MOTT

Nullarbor Plains

In 1976 there were two trips to the Nullarbor. The first was a joint W.A. and S.A. diving trip in May. The primary purpose of this trip was to try and extend the known underwater length using special techniques which enabled longer penetrations than before.

The first caves visited were Tommy Graham's and Murra-El-Elevyn which they failed to extend. The next cave was Cocklebiddy which had previously been dived to a length of 458m (1,500 ft). This was extended to the incredible length of 1,360m (4,460 ft) and created a new underwater record, extending the cave to a total length of approximately 1.56 km. (5,100 ft).

The last caves visited were Warble, in which they found more underwater cave ending in a maze-like series of tunnels, and Weebubbie which, like Cocklebiddy and Warble, still continues beyond reach.

The second trip was in September by I. Lewis, K. Mott and J. Cundy when they spent 2 days on the Nullarbor while returning from WA. In this time they managed to name, number and map "Offset Blowhole" (Cocklebiddy Area) which was discovered on the May 1976 trip. This cave was so named as the blowhole entrance is off to the side of the cave and connected only by a short horizontal tunnel.

They were also shown "Mottled Cave", named as a result of the worn and broken decoration which covered the roof and most of the walls. This cave was numbered and mapped. Another cave, "Allens", was known about but did not appear on CEGSA's records until it was relocated and found to be the same as N145. This cave was also mapped.

The Nullarbor records have been steadily updated this year by Ian Lewis and this work should be completed early in 1977.

Consequently 1976 has seen a great deal of constructive activity on the Nullarbor and this should be continued in 1977 with the Mullamullang trip in May.

JIM CUNDY

Naracoorte Region

SPECIAL PROJECTS

Most of the work at Naracoorte in the past year has been devoted to the Special Projects for the National Parks and Wildlife Service. About the middle of last year the Federal Government Grant for the updating of Victoria Fossil Cave was allocated and CEGSA was offered the task of providing a pilot tunnel from the Fossil Chamber to

a new exit near the Little Victoria Cave and to provide a survey of this new exit-way and the rest of the Victoria Fossil Cave within the National Parks Reserve Boundary. For this work we were offered \$2,025.00 for the pilot tunnel and \$980.00 for the survey.

The pilot tunnel is almost complete with about 5 metres of rock to dig out and the preliminary survey is completed. The existing tourist section and the new exit way will have to be resurveyed when National Parks have completed remodelling that part of the Cave. It is anticipated that all the work will be completed about mid 1977.

ATHOL JACKSON

FOSSIL EXCAVATIONS - VICTORIA CAVE

With the receipt of South Australian Government and A.R.G.C. grants by Wells in 1975, 1976 the work in Victoria Fossil Cave has taken on a different aspect. Trips are now fewer but longer and involve mainly staff and students of Flinders University.

Early in 1976 we completed the digging of a vertical access shaft to the rear of the fossil chamber and capped the hole with a pair of sealing doors, the latter constructed in the Biological Sciences workshop. This shaft now enables us to winch sediment with fossils directly to the surface thereby eliminating hours of backbreaking work carrying it above ground. An extended trip in February 1976 enabled us to dig a 3m deep stratigraphic pit in the side of the old entrance core. Analysis of the sediments exposed in the pit, along with several ones from the remainder of the deposit, have given us a clearer understanding of the time stratigraphic relationships of the fauna. The species composition and age-classes of the fauna, along with the inferences drawn from the post-cranial material has led to some interesting palaeoecological speculations. A paper by Wells and Moriarty on aspects of the geology, sedimentology, and fauna is being prepared.

Although construction of the interpretation centre proceeds very slowly, Paul Lawson and Rod Wells have been busy planning the display. It is hoped that this will serve the needs of both tourist and student.

ROD WELLS

BLACKBERRY CAVE

This remarkable little cave after lying 'dormant' for many years, has quickly developed into one of the best caves in South Australia. Only 2 years ago a small party led by the indefatigable Grant Gartrell jack-hammered an opening chasing yet another breeze.

This initial effort was rewarded by several hundred feet of passage and beautiful decoration including the 'Black Chamber'. Each trip after 'pushed' the cave just that little bit more until that historical moment when a large rock was removed to reveal the best part yet.

This 'new' section was spectacular and breathtaking and the first trio in. returned speechless. It seemed to stretch endlessly and every corner turned, bedazzled the onlookers with more and yet more magnificent decoration culminating in the 'piece de resistance', the 5 metre long straw set delicately in a large richly decorated chamber.

With this new find, it became necessary to regulate the number of trips in and lay down the law. Guide-lines were set. Strict paths were laid and 'detrogging' areas were a must to minimise damage our presence would make. It wasn't easy picking a way through the delicate decoration and slippery wet flowstone floors.

Next came the surveyors followed closely behind by the photographers and each trip attempted to push further on. Eventually one weekend saw cavers descending in small groups to find the elusive breeze and look for a possible bypass to the Big Straw Chamber which showed up on survey. A nice easy 10 metre crawl was discovered enabling would be wombats to bypass the arduous 'Trog Heaven'. Now it is no longer necessary to crawl through the 'pretties' and speeds the journey by at least 2 hours. In more recent times several likely looking digs have been started and prospects are still very good.

Of course no report about Blackberry would be complete without telling of discoveries and extensions to the Butterfly Extension. Several trips have been in to push this extension. Although not having quite the same profusion of decoration this part of the cave has its own unique quality. One outstanding feature is the 'Frozen Waterfall', a large crystallized flowstone and shawl display aptly named. More black chambers, black flowstone, squeezes and breezes – ho-hum (yawn) !!

This year will (hopefully) be another year of great digs, breeze chasing and discoveries and I know we will hear of greater things for this cave.

DOT PEISLEY

Flinders Ranges

Several trips were run this year and were well attended in view of the distance travelled in some instances. Most known Flinders cave areas were visited including Buckalowie, Orrorroo, Arkaroola and Warraweena Station.

A dig in Thunderdrum Cave resulted in doubling the length of known cave and on closer inspection of the creek bank nearby, another cave was discovered. This one was inhabited by bats and could possibly be pushed to join eventually with Thunderdrum. Bunyeroo was again visited and surveyed.

On a trip to Warraweena a wrong turn, on those seemingly end less creek beds. led us to yet another new cave. Lack of time prevented more than an entrance dig and cursory peep inside. However it did have water coming out of the entrance and warrants another trip. Warraweena Cave, though not easy to find, was well worth a visit.

Arkaroola, Buckalowie, Arcoota Creek and Orroroo were mainly tourist type trips. A great S.R.T. exercise was carried out at Wooltana Cave with its entrance pitch of 63m.

The coming year will see more trips, preferably in cooler weather, with more emphasis on exploration and digs.

DOT PEISLEY

CEGSA ACCOUNT NO: 2 - THE SLIDE ACCOUNT

Annual Statement for year ending 31st January, 1977.

INCOME

Sale of Slides	\$244.80
Cash in Bank (1/2/1976)	\$304.44
Bank Interest	<u>\$37.13</u>
	\$586.37

EXPENDITURE

Slide reproduction	\$245.97
Sales Tax	\$52.80
Loan to CEGSA Account No: 4	\$230.00
Cash in Bank (31/1/1977)	<u>\$57.60</u>
	\$586.37

ASSETS	1976	1977
Cash in Bank	\$304.44	\$57.60
Loan to Account No: 4	---	\$230.00
Slides on hand (at cost)	<u>---</u>	<u>\$160.06</u>
	\$304.44	\$447.66

NETT increase in assets for year		\$143 22
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**STATEMENT OF INCOME AND EXPENDITURE FOR THE
YEAR ENDING 1st FEBRUARY, 1977**

C. E. G. S. A. NO: 1 ACCOUNT

EXPENDITURE	Bank Balance as at 1/2/77 \$155.80.	
Subscriptions to:		
A. S. F.	\$156.00	
Helictite	3.50	
	5.00	
S. S. S. Journal	8.00	
William Pengelly	<u>3.80</u>	\$176.30
Stationary:		
Roneo Vickers	\$39.67	
Miscellaneous	<u>17.69</u>	57.36
Postage		144.85
Purchase of Equipment:		
Ladders	\$124.00	
Fridge	15.00	
Typewriter	<u>250.00</u>	389.00
Radio Licence		76.00
Social Dinners:		
Games Evening	\$51.50	
CEGSA/VSA	240.00	
Annual	<u>150.00</u>	441.50
Hire of Lecture Room		34.50
E. T. S. A. - Naracoorte Hut		9.78
Occasional Paper No: 5		300.00
Petty Cash		37.00
Sundries		24.49
Cash in Bank 1/2/77		<u>155.80</u>
		\$1,846.58

INCOME		
Membership Subscriptions		
Full	\$173.00	
Associate	150.00	
Country	<u>60.00</u>	383.00
Sale of Publications		304.20
Trip Fees		28.00
Stickers and Badges		14.70
Social Dinners:		
Games evening	\$104.00	
VSA/CEGSA	305.00	
Annual	<u>190.00</u>	599.00

\$1,328.90 c/f

**Statement of Income and Expenditure for the Year ending 1/2/1977.
C.E.G.S.A. No: 1 Account - (Continued)**

INCOME (continued)

Balance brought forward	\$1,328.90
Fridge Fund	11.00
Donation	10.00
Trailer	65.00
Auction	193.90
Bank Interest	10.20
Bank Balance as at 1/2/76	<u>227.58</u>
	\$1,846.58

EQUIPMENT HELD BY QUARTERMASTER

1. Carbide lamp.
2. Carbide stock - approx. 60-70 lbs.
3. Carbide sieves - 3
4. Digging Equipment:
 - a) 2 boats
 - b) 3 shovels
 - c) assorted bars, picks etc.
5. Helmets - 6
6. Ladders:
 - a) old stock (8) plus slings.
 - b) new stock plus ladders in various stages of completion.
 - c) 3 S. & R. only.
7. Miners Dials and Jiggers - 2
 - a) property of CEGSA
 - b) property of late Alan Hill
 - c) 2 short stadia
8. Ropes:
 - a) 120' BS 3104 No: 4 Nylon
 - b) 120' BS 3104 No: 4 Nylon
 - c) 240' BS 3104 No: 4 Nylon
 - d) 120' Manilla

Several odd lengths of manilla rope (new condition) donated by D.Hawke
9. Radios - Telephones - 3 field types.
10. Duplicating Equipment:
 - a) Dye Line Print Machine
 - b) Duplicator
 - c) 3 Typewriters - 1 electric, 2 manual.
 - d) 1 four-drawer vertical file.
 - e) 1 Map cabinet.
11. First Aid Kits - 2 on permanent loan from B.Dunn.
12. One refrigerator - Naracoorte.

NOTE: Some of the group's iron-mongery from the hut store is slowly disappearing. Could everybody please check their sheds, boot recesses etc for small items such as bars, pegs, lengths of angle iron or droppers used for tying off, slings etc. No doubt some of this is also being used slowly - any replacement material of this kind would be welcome.

THERE IS A LARGE QUANTITY OF CEGSA GEAR ON LOAN AT THE TIME OF THIS REPORT. WILL BORROWERS PLEASE RETURN ALL GEAR TO QUARTERMASTER.

ROD McDOUGALL

**CAVE EXPLORATION GROUP (SOUTH AUSTRALIA) INC.
MEMBERS TO THE 1ST FEBRUARY, 1977**

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