### MENIKA MINING LTD.

### **RELIANCE GOLD PROJECT**

**BRALORNE - GOLD BRIDGE AREA, B.C.** 

674390

PRELIMINARY DATA BEING COMPILED BY
J.C. STEPHEN EXPLORATIONS LTD.

**FEBRUARY 2002** 

#### LIST OF TECHNICAL DATA PROVIDED

- 1. List of significant drill hole gold intersections
- 2. Airphoto of the Property Area showing roads, claim boundaries and topography.
- 3. Regional geological map after Neil Church 1995. 1:50,000 scale.
- 4. Location map of Reliance and nearby properties.

  After N. Church, 1995. 1:50,000 scale
- 5. Vertical Diamond Drill Section A A'. Holes 86-1 and 87-1; 2; with nearby drill holes.
- 6. Vertical Diamond Drill Sections C C' and D D' showing holes 88-17; 88-18; 96-11; 9th 2.
- 7. Enlargement of an airphoto showing folded rock structure and location of possible old prospects located near the south margin of the Reliance room group.
- 8. Photocopy of 1:2000 Geology & Mineralization by Cooke Geological 1987. Work by Tim Sandburg.
- 9. Photocopy of 1:500 scale map shown location of drill holes and vertical cross sections in the 'Senator Imperial' Zone. Data from maps by Mo ris and others.

#### Original on JCS Expln's letterhead

February 6, 2002

Dr. G.H. Rayner Welcome Opportunities Ltd. 715 – 675 West Hastings St. Vancouver, B.C.

Dear Gerry,

Re: Menika Mining Ltd. - Reliance Property

The enclosed is a small collection of technical data for the Reliance property compiled for your information and use. As discussed at the meeting last Friday, Menika Mining is in need of financing to resume work on this property.

I have been engaged (unpaid) for some months now in trying to locate and co-ordinate the technical data generated from this property. Much of the drill core was incompletely or carelessly logged and, except for some excellent work done by Tim Sandberg, working for Cooke Geological Services in 1987, it would not be possible to form any coherent picture. As a result of my work on the data and two brief property visits, I have formed the opinion that this remains a significant gold prospect.

The mineralization is hosted in fracture zones (stock works?) in an extensive horizon of ankerite altered volcanics. There are no strong quartz veins similar to Bralome or to Pickle Crow where I had worked years ago. My impression is that the gold bearing zones are more akin to the tuff hosted mineralization at Madsen Red Lake or, perhaps to the quartz feldspar porphyry hosted gold zones at Hasaga Mines and the old Howey mine in Red Lake. The Madsen kinship is closer on the count of being hosted within 'conformable' stratigraphic horizons. The Howey – Hasaga ore bodies were hosted within an intrusive body.

Gold is associated with stibnite and probably with some particular phase of arsenopyrite mineralization. There is very little copper in the system according to the ICP results. Stibnite, with gold assays to 20 grams/tonne, occurs in the deepest holes at depths of about 230 metres below surface. Pyrite mineralization is noted in drill logs as both fine grained and coarse grained but there is insufficient description to indicate any particular association with gold.

The host ankerite altered volcanics appear to lie relatively conformably below a sequence of argillite and chert with minor conglomerate, sandstone, siltstone and 'white tuff' which last occurs near the contact with the volcanics. This 'white tuff' is not mapped on surface and I suspect that, near surface, it is confused with a strong zone of 'travertine' or tufa which appears to mark a major fault zone. That zone is not mapped on surface either. Drill holes 87-1 to 87-5 were collared at the same site and within the tufa zone.

My impression is that the 'discovery hole' 86-1 (Brg.  $070^{\circ}$ , dip  $-60^{\circ}$ ) crossed from the hanging wall to the footwall of the mineralized zone. (See vertical section A-A') Drill hole 87-1 (Brg.  $185^{\circ}$ , dip  $-75^{\circ}$ ) was too steep and went below the mineralized zone. Drill hole 87-2 (Brg.  $185^{\circ}$ , dip  $-50^{\circ}$ ) appears to have gone down the dip of the zone but whether from hanging wall to

footwall or vice versa I do not know. My estimate of the attitude of the mineralized zone is strike  $N60^{0}E$  and dip  $-50^{0}$  south.

On vertical section C-C' I have joined up the assay intersections indicating a dip of  $-54^{\circ}$  south. These zones would be capped vertically by the 'white tuff' and sediments but might be quite extensive down plunge to the southwest. There are 'clouds' of assays lying outside this supposed "Main Zone" suggesting parallel zones may occur.

The property needs some real survey work to re-locate as many drill holes as possible. Some holes are marked by wooden stakes and others (1996 drilling) have the drill core located on site. Most of the drill core had been transported to the main camp site and had been stored in racks made of 4x4 timber. Most of it could be re-logged and, except for holes 86-1 and 87-1 to 87-26, which were logged by Tim Sandberg, I would recommend all available core be re-logged.

Air photos indicate strong fold patterns southeast of the mineralized zone. I suspect this folding affects the mineralization as well and the structure is probably much more complicated than I can presently envisage. However, favourable rock formations occur along the regional strike direction and it seems likely that additional mineralized zone may be found.

I hope this rather restricted material will be of use to you.

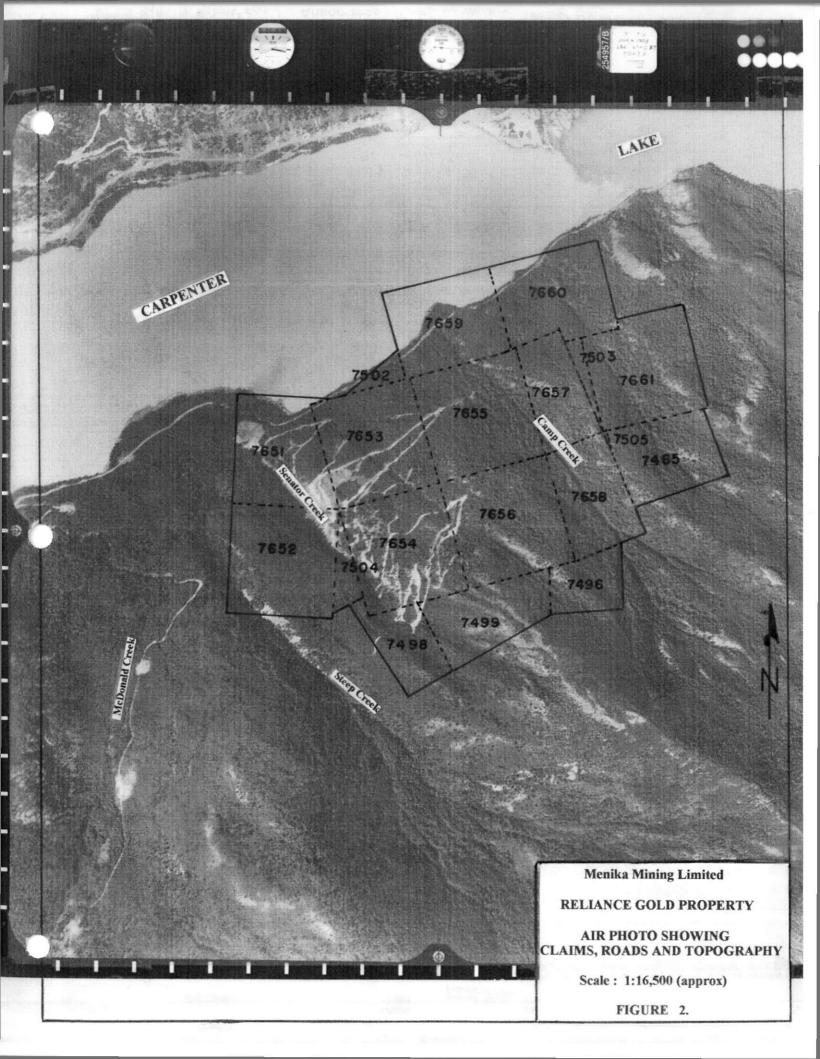
Best regards,

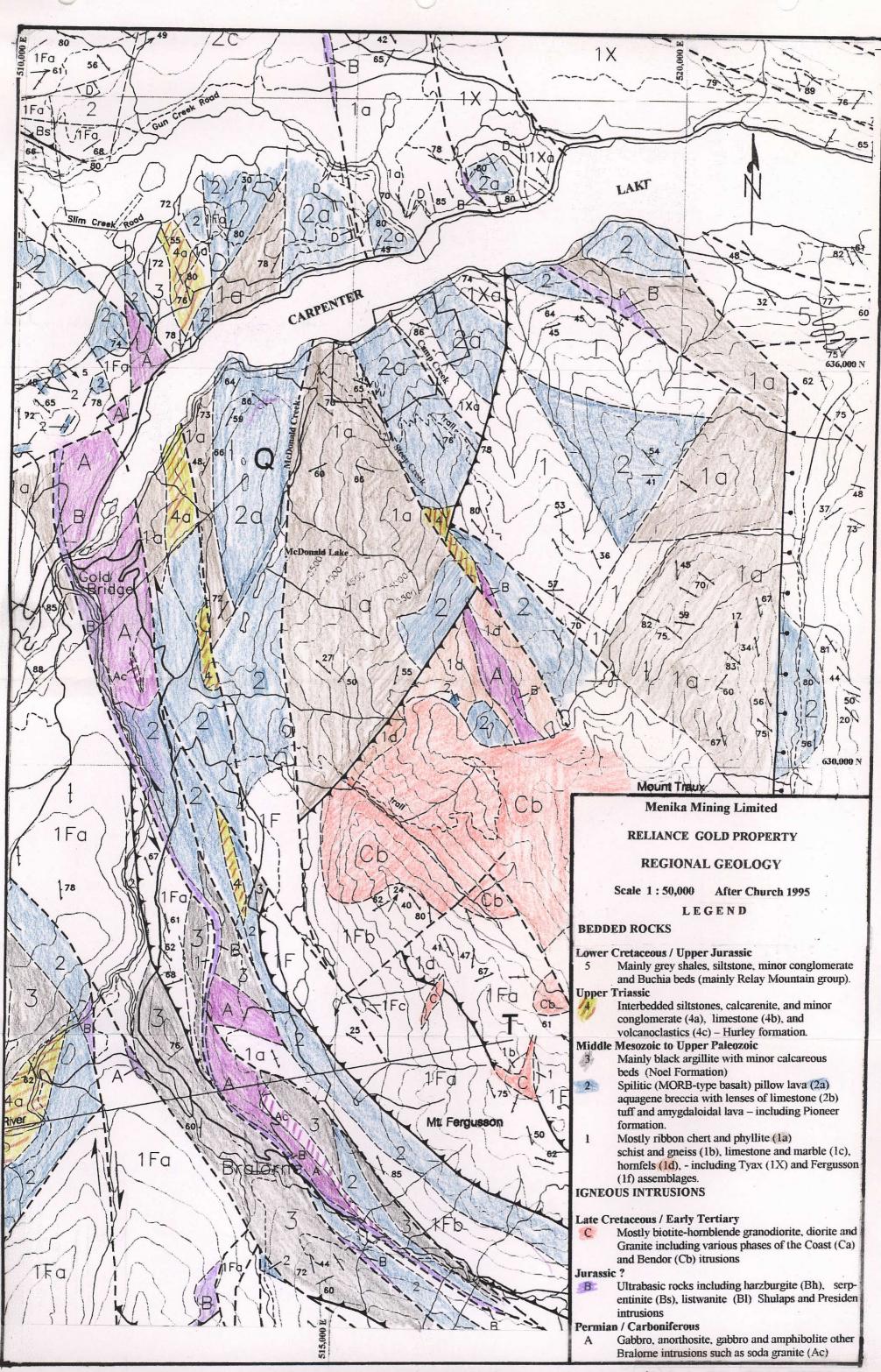
J.C. Stephen

# Menika Mining Ltd.

# Reliance Property - Significant intersections

D-00-13-3-	0 64	0-4	Makes	
Drill Hole	Core - feet	Oz/ton		g/tonne
86-1	81.5	0.162	24.9	5.55
87-1	5.5	0.380	1.7	13.03
87-2	115.0	0.318	35.1	10.90
87-3	29.0	0.163	8.8	5.59
	13.0	0.170	4.0	5.83
87-4	19.0	0.213	5.8	7.30
	14.0	0.116	4.3	3.98
	50.0	0.112	15.3	3.84
87-10	54.0	0.148	16.5	5.07
87-11	50.0	0.174	15.3	5.97
87-33	24.0	0.118	7.3	4.05
87-35	37.0	0.217	11.3	7.44
	8.5	0.380	2.6	13.03
87-36	25.7	0.302	7.8	10.35
87-42	11.8	0.279	3.6	9.57
87-50	13.5	0.227	4.1	7.78
	7.9	0.121	2.4	4.15
	5.6	0.360	1.7	12.34
87-51	17.7	0.171	5.4	
87-52	20.6	0.159	6.3	5.45
Deeper Intersections				
	erval(metres)			
88-17	290.7-291.7	0.119	1.0	4.08
88-18	222.8-230.9	0.295	8.1	10.11
96-11	271.6-290.2	2.230	18.6	
30 11	<u> </u>			
96-12	250 5-259 0	•}		
00 12	200.0 200.0			
96-12	250.5-259.0	4	5.4 8.4 3.8	6.60 3.74





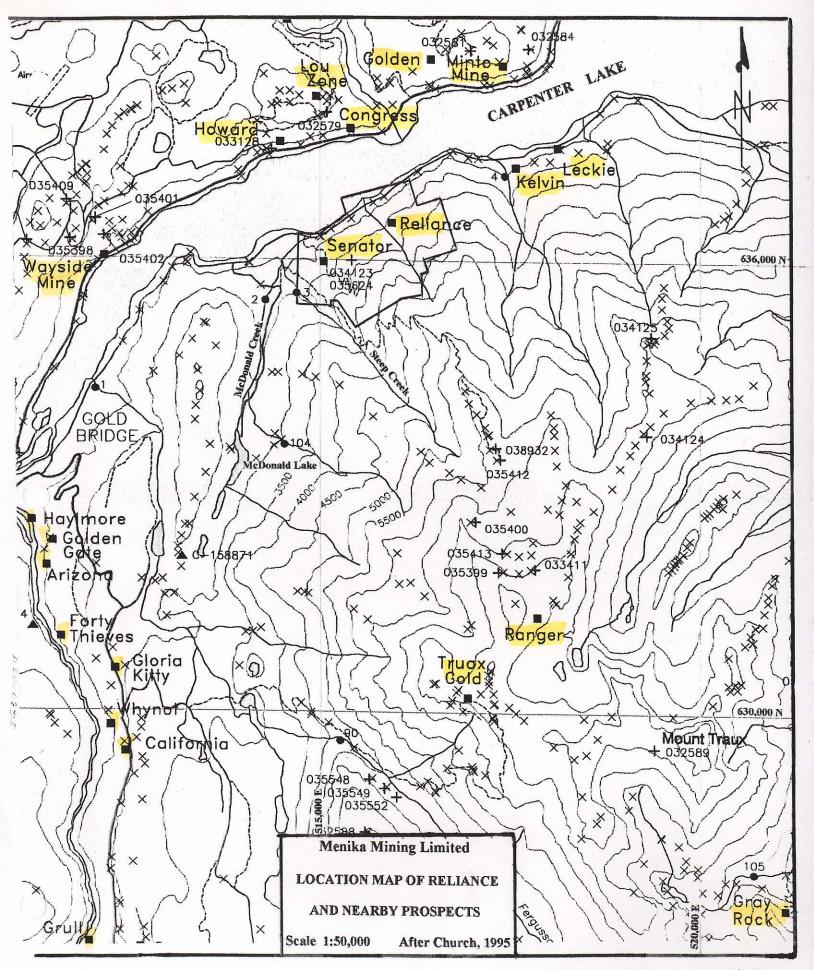
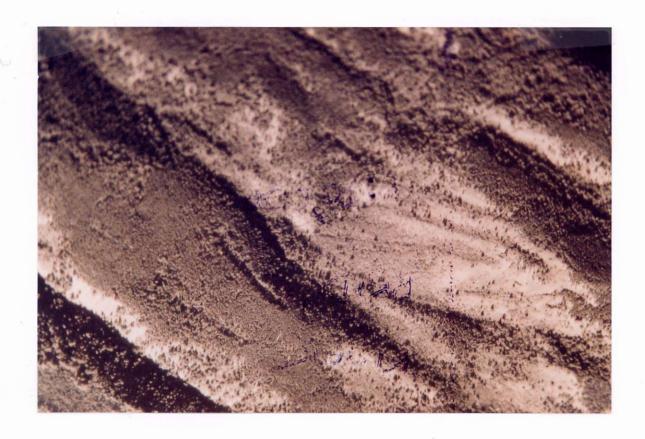
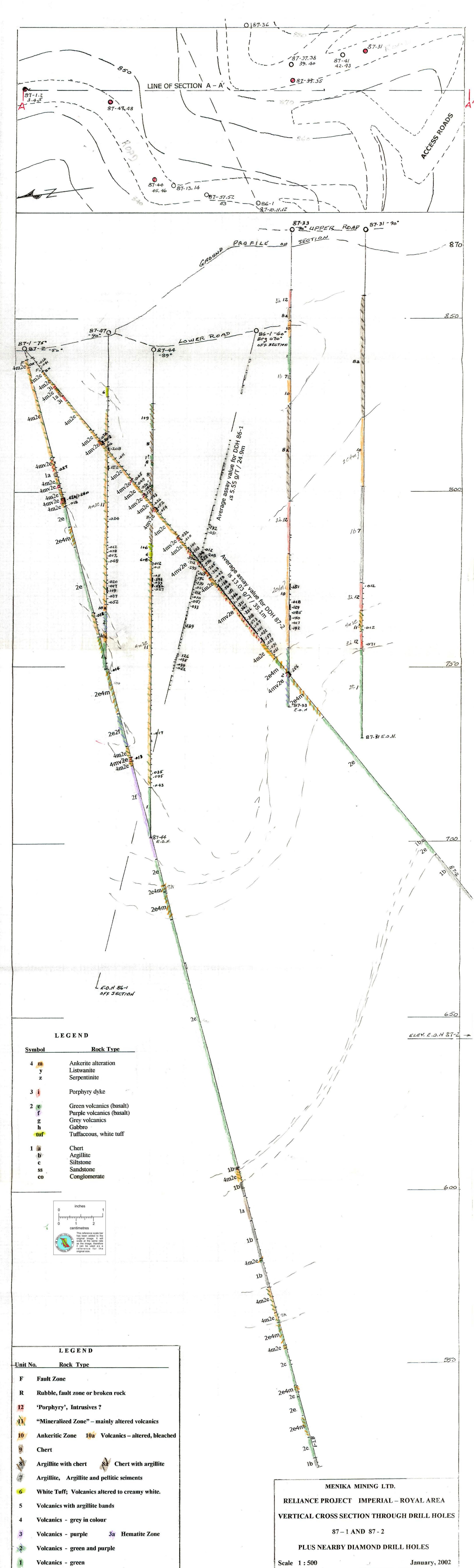
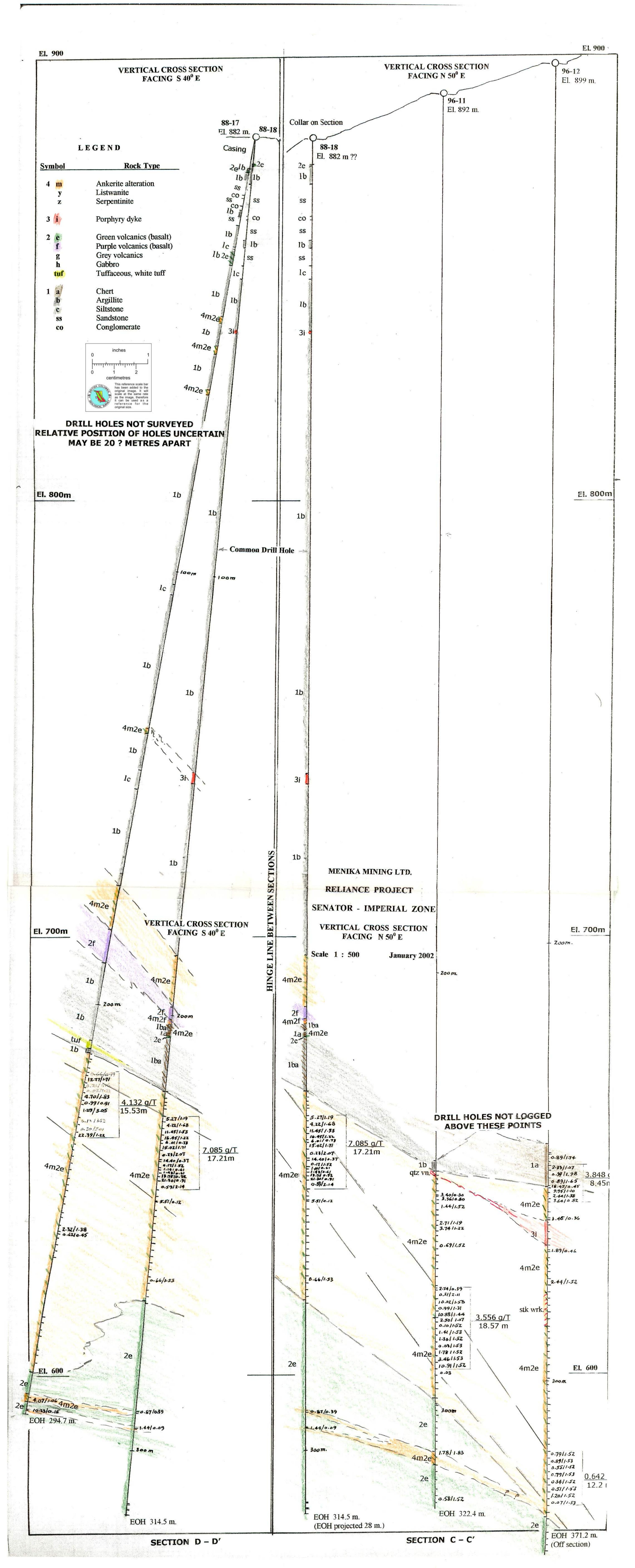


FIGURE 5.



Enlargement of a portion of an air photo showing indications of a geological traverse and possible locations of old trenches. These occur on Lot 7499 near the south boundary of the Reliance property.





ELEV 814m 1 86-1 AZ 070 PLUNGE -60 ELEY 800 750 m 700 m. MENIKA MINING LTD. RELIANCE PROJECT VERTICAL CROSS SECTION FACING 340° **DDH** 86 - 1 Scale 1:500 LENGTH 216.56.

PLAN 107.5

VERT 188.0

