

APPENDIX 7.0
RC DRILLING SECTIONS

WEATHERING

WEATHERING- Left Hand inside of Mole Trace

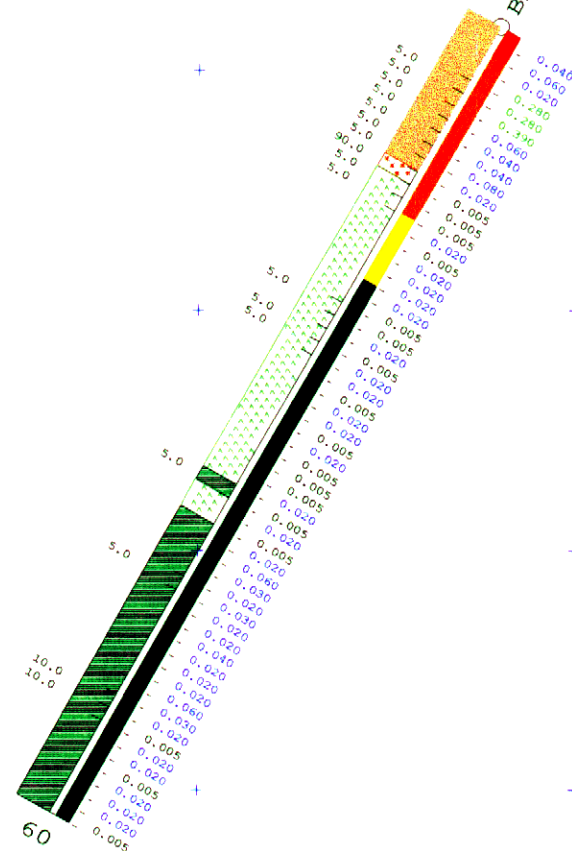
- Extremely Weathered
- Highly Weathered
- Moderately Weathered
- Slightly Weathered
- Fresh

QUARTZ - Left Hand outside of Mole Trace

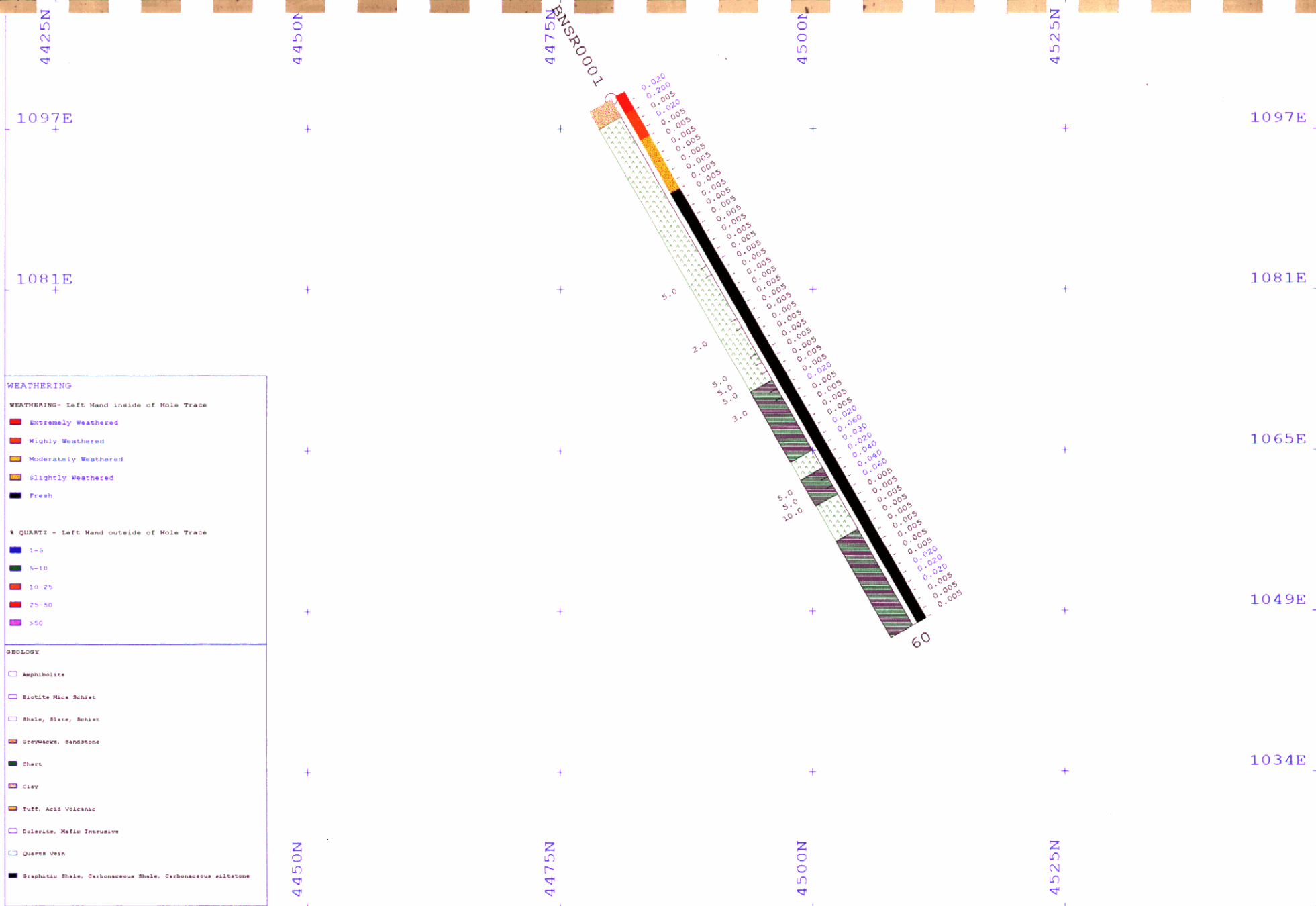
- 1-5
- 5-10
- 10-25
- 25-50
- >50

GEOLOGY

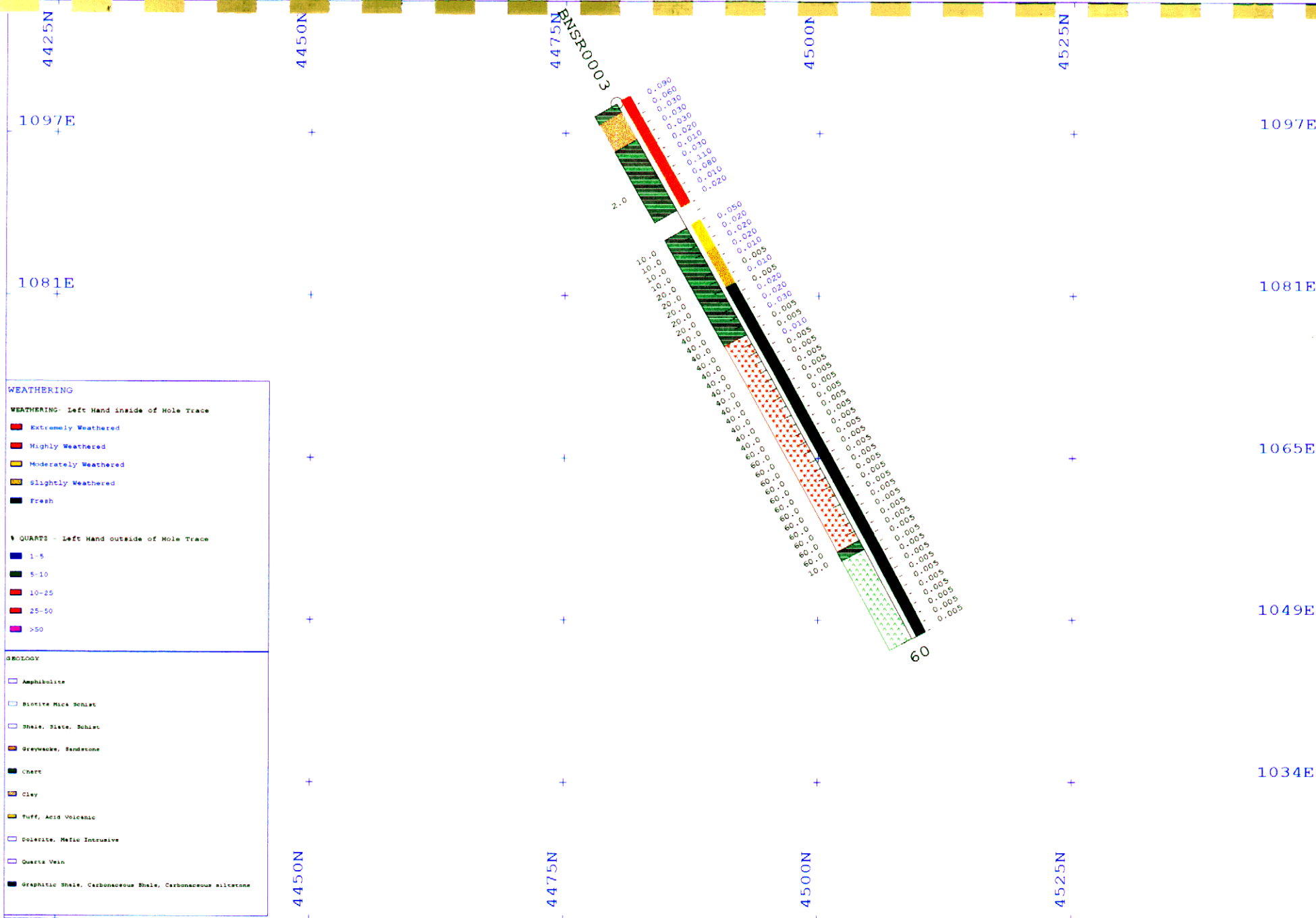
- Amphibolite
- Biotite Mica Schist
- Shale, Slate, Schist
- Greywacke, Sandstone
- Chert
- Clay
- Tuff, Acid Volcanic
- Diorite, Mafic Intrusive
- Quartz Vein
- Graphitic Shale, Carbonaceous Shale, Carbonaceous siltstone



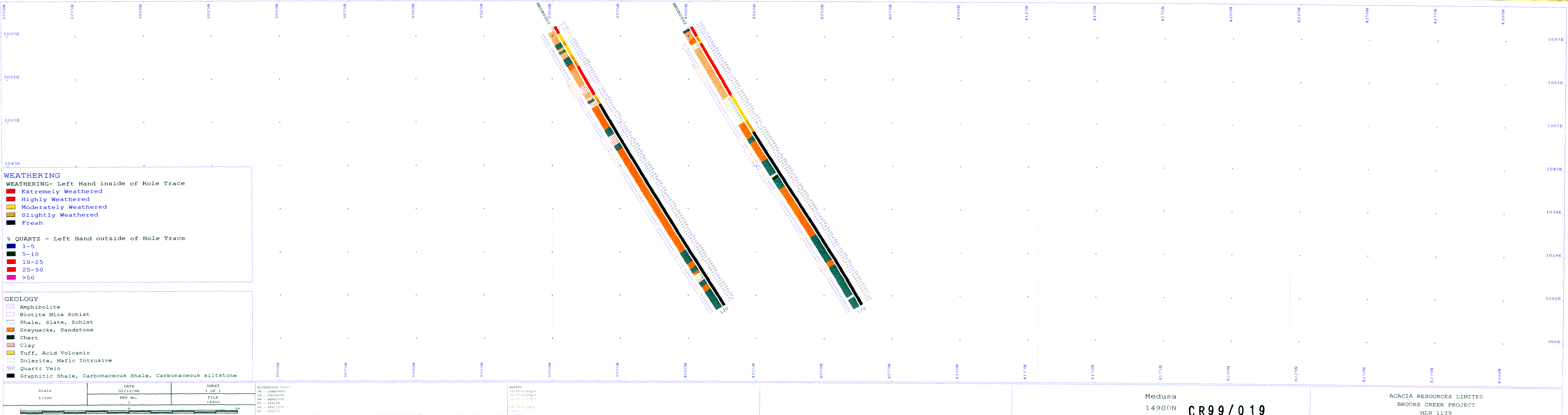
Scale 1:500	DATE 12/12/98 REF No. 1	SHEET 1 of 1 FILE BNS4800N	ALTERATION CODES CB - CARBONATE CH - CHLORITE HM - HEMATITE PY - PYRITE SB - SERICITE SI - SILICA	ASSAYS -0.01-0.01g/t 50.01-0.25g/t 0.25-0.50g/t 0.50-0.75g/t 0.75-1.00g/t g/t		NORTH BRITANNIA 4,800N	ACACIA RESOURCES LIMITED BROCKS CREEK PROJECT MLN 1139
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Scale 1:500	DATE 12/12/98	SHEET 1 of 1	ALTERATION CODES CB - CARBONATE CH - CHLORITE HM - HEMATITE PK - PIRITE SE - SERICITE ST - SILICA	ASSAYS -0.01-0.01g/t >0.01-0.25g/t >0.25-0.50g/t >0.50-1.0g/t >1.0-1.5g/t >1.5-2.0g/t >2.0-2.5g/t >2.5-3.0g/t >3.0-3.5g/t >3.5-4.0g/t >4.0-4.5g/t >4.5-5.0g/t >5.0-5.5g/t >5.5-6.0g/t >6.0-6.5g/t >6.5-7.0g/t >7.0-7.5g/t >7.5-8.0g/t >8.0-8.5g/t >8.5-9.0g/t >9.0-9.5g/t >9.5-10.0g/t >10.0-10.5g/t >10.5-11.0g/t >11.0-11.5g/t >11.5-12.0g/t >12.0-12.5g/t >12.5-13.0g/t >13.0-13.5g/t >13.5-14.0g/t >14.0-14.5g/t >14.5-15.0g/t >15.0-15.5g/t >15.5-16.0g/t >16.0-16.5g/t >16.5-17.0g/t >17.0-17.5g/t >17.5-18.0g/t >18.0-18.5g/t >18.5-19.0g/t >19.0-19.5g/t >19.5-20.0g/t >20.0-20.5g/t >20.5-21.0g/t >21.0-21.5g/t >21.5-22.0g/t >22.0-22.5g/t >22.5-23.0g/t >23.0-23.5g/t >23.5-24.0g/t >24.0-24.5g/t >24.5-25.0g/t >25.0-25.5g/t >25.5-26.0g/t >26.0-26.5g/t >26.5-27.0g/t >27.0-27.5g/t >27.5-28.0g/t >28.0-28.5g/t >28.5-29.0g/t >29.0-29.5g/t >29.5-30.0g/t >30.0-30.5g/t >30.5-31.0g/t >31.0-31.5g/t >31.5-32.0g/t >32.0-32.5g/t >32.5-33.0g/t >33.0-33.5g/t >33.5-34.0g/t >34.0-34.5g/t >34.5-35.0g/t >35.0-35.5g/t >35.5-36.0g/t >36.0-36.5g/t >36.5-37.0g/t >37.0-37.5g/t >37.5-38.0g/t >38.0-38.5g/t >38.5-39.0g/t >39.0-39.5g/t >39.5-40.0g/t >40.0-40.5g/t >40.5-41.0g/t >41.0-41.5g/t >41.5-42.0g/t >42.0-42.5g/t >42.5-43.0g/t >43.0-43.5g/t >43.5-44.0g/t >44.0-44.5g/t >44.5-45.0g/t >45.0-45.5g/t >45.5-46.0g/t >46.0-46.5g/t >46.5-47.0g/t >47.0-47.5g/t >47.5-48.0g/t >48.0-48.5g/t >48.5-49.0g/t >49.0-49.5g/t >49.5-50.0g/t >50.0-50.5g/t >50.5-51.0g/t >51.0-51.5g/t >51.5-52.0g/t >52.0-52.5g/t >52.5-53.0g/t >53.0-53.5g/t >53.5-54.0g/t >54.0-54.5g/t >54.5-55.0g/t >55.0-55.5g/t >55.5-56.0g/t >56.0-56.5g/t >56.5-57.0g/t >57.0-57.5g/t >57.5-58.0g/t >58.0-58.5g/t >58.5-59.0g/t >59.0-59.5g/t >59.5-60.0g/t >60.0-60.5g/t >60.5-61.0g/t >61.0-61.5g/t >61.5-62.0g/t >62.0-62.5g/t >62.5-63.0g/t >63.0-63.5g/t >63.5-64.0g/t >64.0-64.5g/t >64.5-65.0g/t >65.0-65.5g/t >65.5-66.0g/t >66.0-66.5g/t >66.5-67.0g/t >67.0-67.5g/t >67.5-68.0g/t >68.0-68.5g/t >68.5-69.0g/t >69.0-69.5g/t >69.5-70.0g/t >70.0-70.5g/t >70.5-71.0g/t >71.0-71.5g/t >71.5-72.0g/t >72.0-72.5g/t >72.5-73.0g/t >73.0-73.5g/t >73.5-74.0g/t >74.0-74.5g/t >74.5-75.0g/t >75.0-75.5g/t >75.5-76.0g/t >76.0-76.5g/t >76.5-77.0g/t >77.0-77.5g/t >77.5-78.0g/t >78.0-78.5g/t >78.5-79.0g/t >79.0-79.5g/t >79.5-80.0g/t >80.0-80.5g/t >80.5-81.0g/t >81.0-81.5g/t >81.5-82.0g/t >82.0-82.5g/t >82.5-83.0g/t >83.0-83.5g/t >83.5-84.0g/t >84.0-84.5g/t >84.5-85.0g/t >85.0-85.5g/t >85.5-86.0g/t >86.0-86.5g/t >86.5-87.0g/t >87.0-87.5g/t >87.5-88.0g/t >88.0-88.5g/t >88.5-89.0g/t >89.0-89.5g/t >89.5-90.0g/t >90.0-90.5g/t >90.5-91.0g/t >91.0-91.5g/t >91.5-92.0g/t >92.0-92.5g/t >92.5-93.0g/t >93.0-93.5g/t >93.5-94.0g/t >94.0-94.5g/t >94.5-95.0g/t >95.0-95.5g/t >95.5-96.0g/t >96.0-96.5g/t >96.5-97.0g/t >97.0-97.5g/t >97.5-98.0g/t >98.0-98.5g/t >98.5-99.0g/t >99.0-99.5g/t >99.5-100.0g/t >100.0-100.5g/t >100.5-101.0g/t >101.0-101.5g/t >101.5-102.0g/t >102.0-102.5g/t >102.5-103.0g/t >103.0-103.5g/t >103.5-104.0g/t >104.0-104.5g/t >104.5-105.0g/t >105.0-105.5g/t >105.5-106.0g/t >106.0-106.5g/t >106.5-107.0g/t >107.0-107.5g/t >107.5-108.0g/t >108.0-108.5g/t >108.5-109.0g/t >109.0-109.5g/t >109.5-110.0g/t >110.0-110.5g/t >110.5-111.0g/t >111.0-111.5g/t >111.5-112.0g/t >112.0-112.5g/t >112.5-113.0g/t >113.0-113.5g/t >113.5-114.0g/t >114.0-114.5g/t >114.5-115.0g/t >115.0-115.5g/t >115.5-116.0g/t >116.0-116.5g/t >116.5-117.0g/t >117.0-117.5g/t >117.5-118.0g/t >118.0-118.5g/t >118.5-119.0g/t >119.0-119.5g/t >119.5-120.0g/t >120.0-120.5g/t >120.5-121.0g/t >121.0-121.5g/t >121.5-122.0g/t >122.0-122.5g/t >122.5-123.0g/t >123.0-123.5g/t >123.5-124.0g/t >124.0-124.5g/t >124.5-125.0g/t >125.0-125.5g/t >125.5-126.0g/t >126.0-126.5g/t >126.5-127.0g/t >127.0-127.5g/t >127.5-128.0g/t >128.0-128.5g/t >128.5-129.0g/t >129.0-129.5g/t >129.5-130.0g/t >130.0-130.5g/t >130.5-131.0g/t >131.0-131.5g/t >131.5-132.0g/t >132.0-132.5g/t >132.5-133.0g/t >133.0-133.5g/t >133.5-134.0g/t >134.0-134.5g/t >134.5-135.0g/t >135.0-135.5g/t >135.5-136.0g/t >136.0-136.5g/t >136.5-137.0g/t >137.0-137.5g/t >137.5-138.0g/t >138.0-138.5g/t >138.5-139.0g/t >139.0-139.5g/t >139.5-140.0g/t >140.0-140.5g/t >140.5-141.0g/t >141.0-141.5g/t >141.5-142.0g/t >142.0-142.5g/t >142.5-143.0g/t >143.0-143.5g/t >143.5-144.0g/t >144.0-144.5g/t >144.5-145.0g/t >145.0-145.5g/t >145.5-146.0g/t >146.0-146.5g/t >146.5-147.0g/t >147.0-147.5g/t >147.5-148.0g/t >148.0-148.5g/t >148.5-149.0g/t >149.0-149.5g/t >149.5-150.0g/t >150.0-150.5g/t >150.5-151.0g/t >151.0-151.5g/t >151.5-152.0g/t >152.0-152.5g/t >152.5-153.0g/t >153.0-153.5g/t >153.5-154.0g/t >154.0-154.5g/t >154.5-155.0g/t >155.0-155.5g/t >155.5-156.0g/t >156.0-156.5g/t >156.5-157.0g/t >157.0-157.5g/t >157.5-158.0g/t >158.0-158.5g/t >158.5-159.0g/t >159.0-159.5g/t >159.5-160.0g/t >160.0-160.5g/t >160.5-161.0g/t >161.0-161.5g/t >161.5-162.0g/t >162.0-162.5g/t >162.5-163.0g/t >163.0-163.5g/t >163.5-164.0g/t >164.0-164.5g/t >164.5-165.0g/t >165.0-165.5g/t >165.5-166.0g/t >166.0-166.5g/t >166.5-167.0g/t >167.0-167.5g/t >167.5-168.0g/t >168.0-168.5g/t >168.5-169.0g/t >169.0-169.5g/t >169.5-170.0g/t >170.0-170.5g/t >170.5-171.0g/t >171.0-171.5g/t >171.5-172.0g/t >172.0-172.5g/t >172.5-173.0g/t >173.0-173.5g/t >173.5-174.0g/t >174.0-174.5g/t >174.5-175.0g/t >175.0-175.5g/t >175.5-176.0g/t >176.0-176.5g/t >176.5-177.0g/t >177.0-177.5g/t >177.5-178.0g/t >178.0-178.5g/t >178.5-179.0g/t >179.0-179.5g/t >179.5-180.0g/t >180.0-180.5g/t >180.5-181.0g/t >181.0-181.5g/t >181.5-182.0g/t >182.0-182.5g/t >182.5-183.0g/t >183.0-183.5g/t >183.5-184.0g/t >184.0-184.5g/t >184.5-185.0g/t >185.0-185.5g/t >185.5-186.0g/t >186.0-186.5g/t >186.5-187.0g/t >187.0-187.5g/t >187.5-188.0g/t >188.0-188.5g/t >188.5-189.0g/t >189.0-189.5g/t >189.5-190.0g/t >190.0-190.5g/t >190.5-191.0g/t >191.0-191.5g/t >191.5-192.0g/t >192.0-192.5g/t >192.5-193.0g/t >193.0-193.5g/t >193.5-194.0g/t >194.0-194.5g/t >194.5-195.0g/t >195.0-195.5g/t >195.5-196.0g/t >196.0-196.5g/t >196.5-197.0g/t >197.0-197.5g/t >197.5-198.0g/t >198.0-198.5g/t >198.5-199.0g/t >199.0-199.5g/t >199.5-200.0g/t >200.0-200.5g/t >200.5-201.0g/t >201.0-201.5g/t >201.5-202.0g/t >202.0-202.5g/t >202.5-203.0g/t >203.0-203.5g/t >203.5-204.0g/t >204.0-204.5g/t >204.5-205.0g/t >205.0-205.5g/t >205.5-206.0g/t >206.0-206.5g/t >206.5-207.0g/t >207.0-207.5g/t >207.5-208.0g/t >208.0-208.5g/t >208.5-209.0g/t >209.0-209.5g/t >209.5-210.0g/t >210.0-210.5g/t >210.5-211.0g/t >211.0-211.5g/t >211.5-212.0g/t >212.0-212.5g/t >212.5-213.0g/t >213.0-213.5g/t >213.5-214.0g/t >214.0-214.5g/t >214.5-215.0g/t >215.0-215.5g/t >215.5-216.0g/t >216.0-216.5g/t >216.5-217.0g/t >217.0-217.5g/t >217.5-218.0g/t >218.0-218.5g/t >218.5-219.0g/t >219.0-219.5g/t >219.5-220.0g/t >220.0-220.5g/t >220.5-221.0g/t >221.0-221.5g/t >221.5-222.0g/t >222.0-222.5g/t >222.5-223.0g/t >223.0-223.5g/t >223.5-224.0g/t >224.0-224.5g/t >224.5-225.0g/t >225.0-225.5g/t >225.5-226.0g/t >226.0-226.5g/t >226.5-227.0g/t >227.0-227.5g/t >227.5-228.0g/t >228.0-228.5g/t >228.5-229.0g/t >229.0-229.5g/t >229.5-230.0g/t >230.0-230.5g/t >230.5-231.0g/t >231.0-231.5g/t >231.5-232.0g/t >232.0-232.5g/t >232.5-233.0g/t >233.0-233.5g/t >233.5-234.0g/t >234.0-234.5g/t >234.5-235.0g/t >235.0-235.5g/t >235.5-236.0g/t >236.0-236.5g/t >236.5-237.0g/t >237.0-237.5g/t >237.5-238.0g/t >238.0-238.5g/t >238.5-239.0g/t >239.0-239.5g/t >239.5-240.0g/t >240.0-240.5g/t >240.5-241.0g/t >241.0-241.5g/t >241.5-242.0g/t >242.0-242.5g/t >242.5-243.0g/t >243.0-243.5g/t >243.5-244.0g/t >244.0-244.5g/t >244.5-245.0g/t >245.0-245.5g/t >245.5-246.0g/t >246.0-246.5g/t >246.5-247.0g/t >247.0-247.5g/t >247.5-248.0g/t >248.0-248.5g/t >248.5-249.0g/t >249.0-249.5g/t >249.5-250.0g/t >250.0-250.5g/t >250.5-251.0g/t >251.0-251.5g/t >251.5-252.0g/t >252.0-252.5g/t >252.5-253.0g/t >253.0-253.5g/t >253.5-254.0g/t >254.0-254.5g/t >254.5-255.0g/t >255.0-255.5g/t >255.5-256.0g/t >256.0-256.5g/t >256.5-257.0g/t >257.0-257.5g/t >257.5-258.0g/t >258.0-258.5g/t >258.5-259.0g/t >259.0-259.5g/t >259.5-260.0g/t >260.0-260.5g/t >260.5-261.0g/t >261.0-261.5g/t >261.5-262.0g/t >262.0-262.5g/t >262.5-263.0g/t >263.0-263.5g/t >263.5-264.0g/t >264.0-264.5g/t >264.5-265.0g/t >265.0-265.5g/t >265.5-266.0g/t >266.0-266.5g/t >266.5-267.0g/t >267.0-267.5g/t >267.5-268.0g/t >268.0-268.5g/t >268.5-269.0g/t >269.0-269.5g/t >269.5-270.0g/t >270.0-270.5g/t >270.5-271.0g/t >271.0-271.5g/t >271.5-272.0g/t >272.0-272.5g/t >272.5-273.0g/t >273.0-273.5g/t >273.5-274.0g/t >274.0-274.5g/t >274.5-275.0g/t >275.0-275.5g/t >275.5-276.0g/t >276.0-276.5g/t >276.5-277.0g/t >277.0-277.5g/t >277.5-278.0g/t >278.0-278.5g/t >278.5-279.0g/t >279.0-279.5g/t >279.5-280.0g/t >280.0-280.5g/t >280.5-281.0g/t >281.0-281.5g/t >281.5-282.0g/t >282.0-282.5g/t >282.5-283.0g/t >283.0-283.5g/t >283.5-284.0g/t >284.0-284.5g/t >284.5-285.0g/t >285.0-285.5g/t >285.5-286.0g/t >286.0-286.5g/t >286.5-287.0g/t >287.0-287.5g/t >287.5-288.0g/t >288.0-288.5g/t >288.5-289.0g/t >289.0-289.5g/t >289.5-290.0g/t >290.0-290.5g/t >290.5-291.0g/t >291.0-291.5g/t >291.5-292.0g/t >292.0-292.5g/t >292.5-293.0g/t >293.0-293.5g/t >293.5-294.0g/t >294.0-294.5g/t >294.5-295.0g/t >295.0-295.5g/t >295.5-296.0g/t >296.0-296.5g/t >296.5-297.0g/t >297.0-297.5g/t >297.5-298.0g/t >298.0-298.5g/t >298.5-299.0g/t >299.0-299.5g/t >299.5-300.0g/t >300.0-300.5g/t >300.5-301.0g/t >301.0-301.5g/t >301.5-302.0g/t >302.0-302.5g/t >302.5-303.0g/t >303.0-303.5g/t >303.5-304.0g/t >304.0-304.5g/t >304.5-305.0g/t >305.0-305.5g/t >305.5-306.0g/t >306.0-306.5g/t >306.5-307.0g/t >307.0-307.5g/t >307.5-308.0g/t >308.0-308.5g/t >308.5-309.0g/t >309.0-309.5g/t >309.5-310.0g/t >310.0-310.5g/t >310.5-311.0g/t >311.0-311.5g/t >311.5-312.0g/t >312.0-312.5g/t >312.5-313.0g/t >313.0-313.5g/t >313.5-314.0g/t >314.0-314.5g/t >314.5-315.0g/t >315.0-315.5g/t >315.5-316.0g/t >316.0-316.5g/t >316.5-317.0g/t >317.0-317.5g/t >317.5-318.0g/t >318.0-318.5g/t 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Scale 1:500	DATE 12/12/98	SHEET 1 of 1	ALTERATION CODES CS - CARBONATE CH - CHLORITE NM - NEMATITE PY - PYRITE SE - SERICITE SI - SILICA	ASSAYS +0.01-0.01g/t +0.01-0.25g/t +0.25-0.50g/t +0.50-0.75g/t +0.75-1.00g/t +1.00-1.25g/t	NORTH BRITANNIA 10,550E	ACACIA RESOURCES LIMITED BROCKS CREEK PROJECT MLN 1139
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WEATHERING
WEATHERING- Left Hand inside of Hole Trace
Extremely Weathered
Highly Weathered
Moderately Weathered
Slightly Weathered
Fresh

% QUARTZ - Left Hand outside of Hole Trace
1-5
5-10
10-25
25-50
>50

GEOLOGY
Amphibolite
Biotite Mica Schist
Shale, Slate, Schist
Greywacke, Sandstone
Chert
Clay
Tuff, Acid Volcanic
Dolerite, Mafic Intrusive
Quartz Vein
Graphitic Shale, Carbonaceous Shale, Carbonaceous siltstone

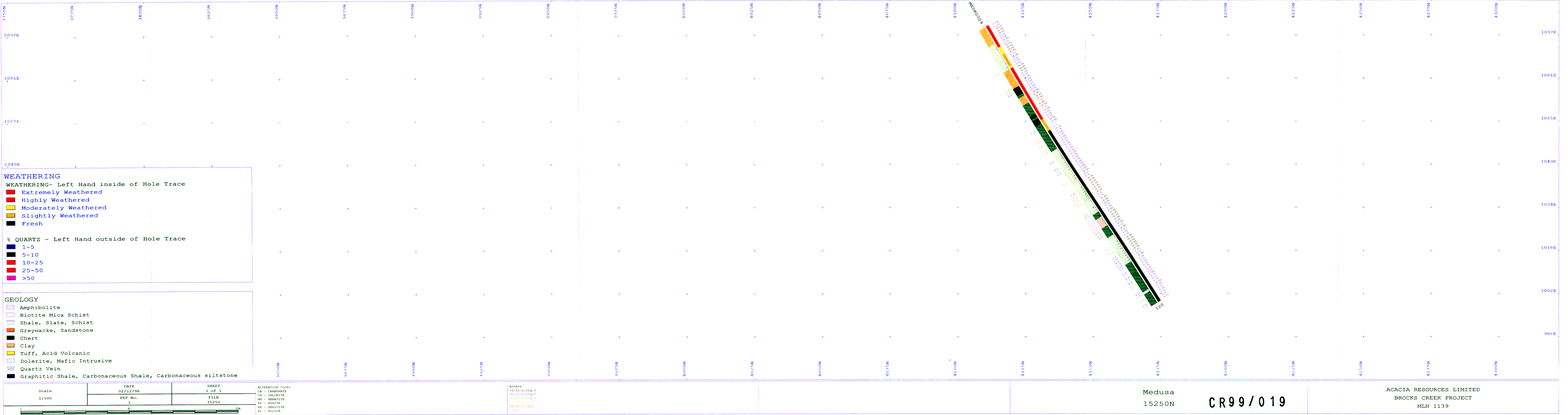
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DATE 02/12/98
SHEET 1 of 1
REF No. 1
FILE 14900

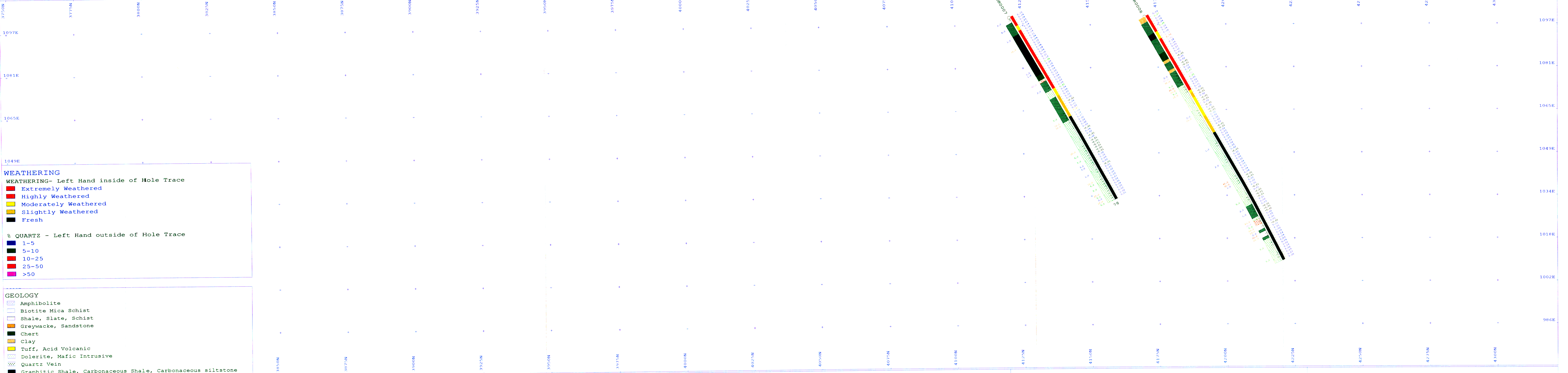
ALTERATION CODES
CB - CARBONATE
CH - CHLORITE
HM - HEMATITE
PY - PYRITE
SE - SERICITE
SI - SILICA

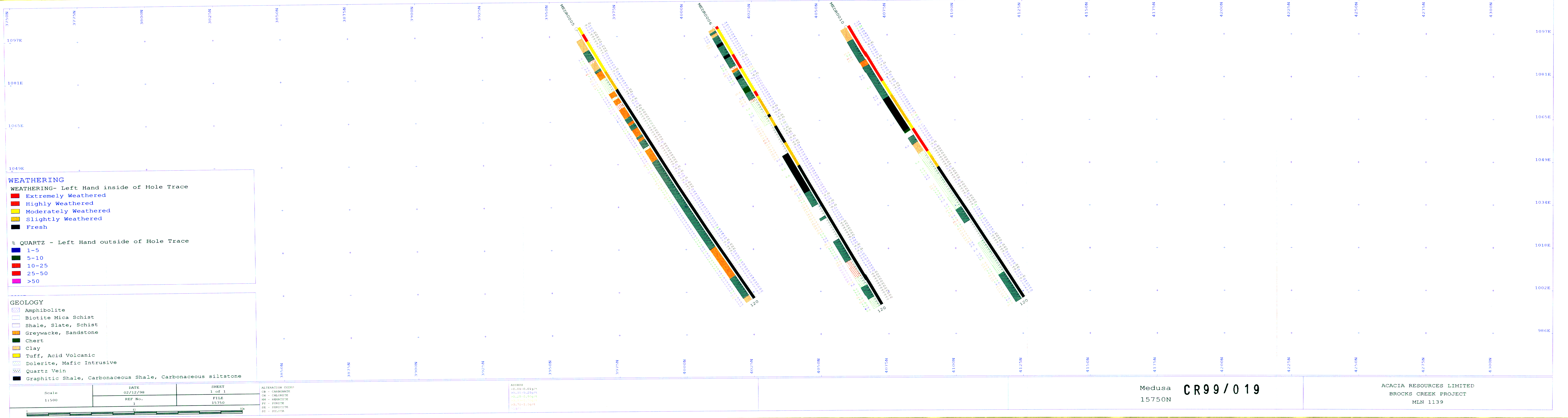
ASSAYS
~0.01-0.01g/t
>0.01-0.25g/t
>0.25-0.50g/t
>0.50-1.00g/t
>1.00-1.50g/t
>1.50g/t

Medusa
14900N
CR99/019

ACACIA RESOURCES LIMITED
BROCKS CREEK PROJECT
MLN 1139







WEATHERING
WEATHERING- Left Hand inside of Hole Trace

- Extremely Weathered
- Highly Weathered
- Moderately Weathered
- Slightly Weathered
- Fresh

% QUARTZ - Left Hand outside of Hole Trace

- 1-5
- 5-10
- 10-25
- 25-50
- >50

GEOLOGY

- Amphibolite
- Biotite Mica Schist
- Shale, Slate, Schist
- Greywacke, Sandstone
- Chert
- Clay
- Tuff, Acid Volcanic
- Dolerite, Mafic Intrusive
- Quartz Vein
- Graphitic Shale, Carbonaceous Shale, Carbonaceous siltstone

Scale 1:500	DATE 02/12/98	SHEET 1 of 1
	REF No. 1	FILE 15750

0 10 20 30 40 50m

ALTERATION CODES

- CB - CARBONATE
- CH - CHLORITE
- HM - HEMATITE
- PY - PYRITE
- SE - SERICITE
- ST - SILICA

ASSAYS

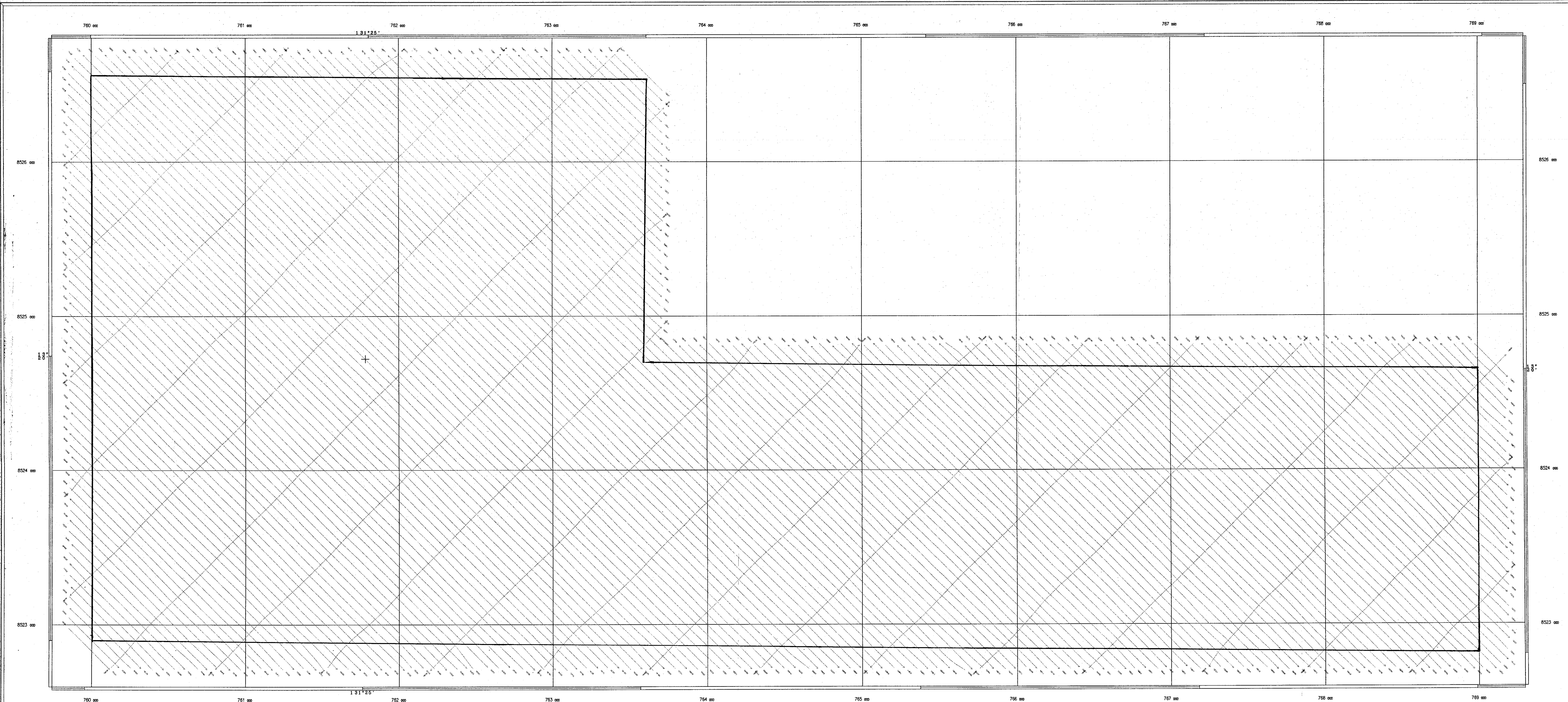
- >0.01-0.01g/t
- >0.01-0.25g/t
- >0.25-0.55g/t
- >0.55-0.70g/t
- >0.70-3.0g/t
- >3.0g/t

APPENDIX 8.0

AEROMAGNETIC AND RADIOMETRIC SURVEY SPECIFICATIONS

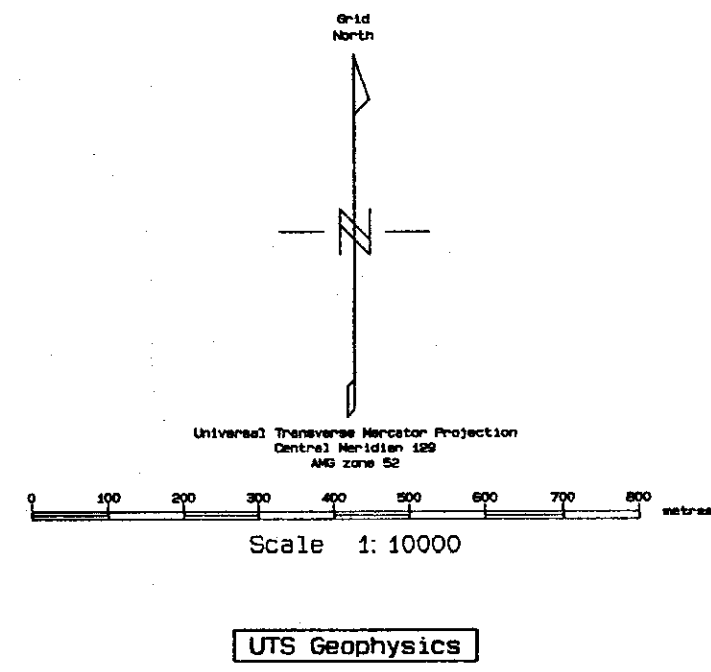
Detailed Aeromagnetic Survey Specifications

Aircraft	FU24-950
Magnetometer	Scintrex Caesium Vapour Cs2 Develco Vector Magnetometer
Resolution	0.001nT
Sensitivity	0.001nT
Recording Interval	0.1 Seconds
Compensation	RMS AADC II Compensator
Flight Line Separation	50m
Flight Line Orientation	AMG 135-315°
Tie Line Separation	500m
Tie line Orientation	AMG 225-045°
Mean terrain clearance	25m
Sample Interval	4 - 5 m
Spectrometer	Exploranium Model GR-820
Navigation	Novatel 3951R 12 Channel Differential GPS RACAL satellite DGPS correction receiver
Altimeter	King Model KRA-405 Radar Altimeter Air DB Barometric Altimeter
Base Station Sensors	Scintrex "Envi-Mag" Proton Precession Magnetometer Geometrics G-856 Proton Precession Magnetometer



AIRBORNE SURVEY SPECIFICATIONS	
Flight Line Direction:	135 - 315 degrees
Flight Line Separation:	50 metres
Tie Line Direction:	045 - 225 degrees
Tie Line Separation:	500 metres
Mean Terrain Clearance:	25 metres
Sample Interval:	4-5 metres
Navigation:	Differential GPS
Survey Flown:	July 1998

AIRBORNE SURVEY EQUIPMENT	
Acquisition:	UTS Geophysics
Aircraft:	F4U-950 Aircraft
Magnetometer:	Scintrex Cesium Vapour CS-2
Resolution:	0.001 nT
Sensitivity:	0.001 nT
Recording Interval:	0.1 sec
Compensation:	RMS AAC II Compensator

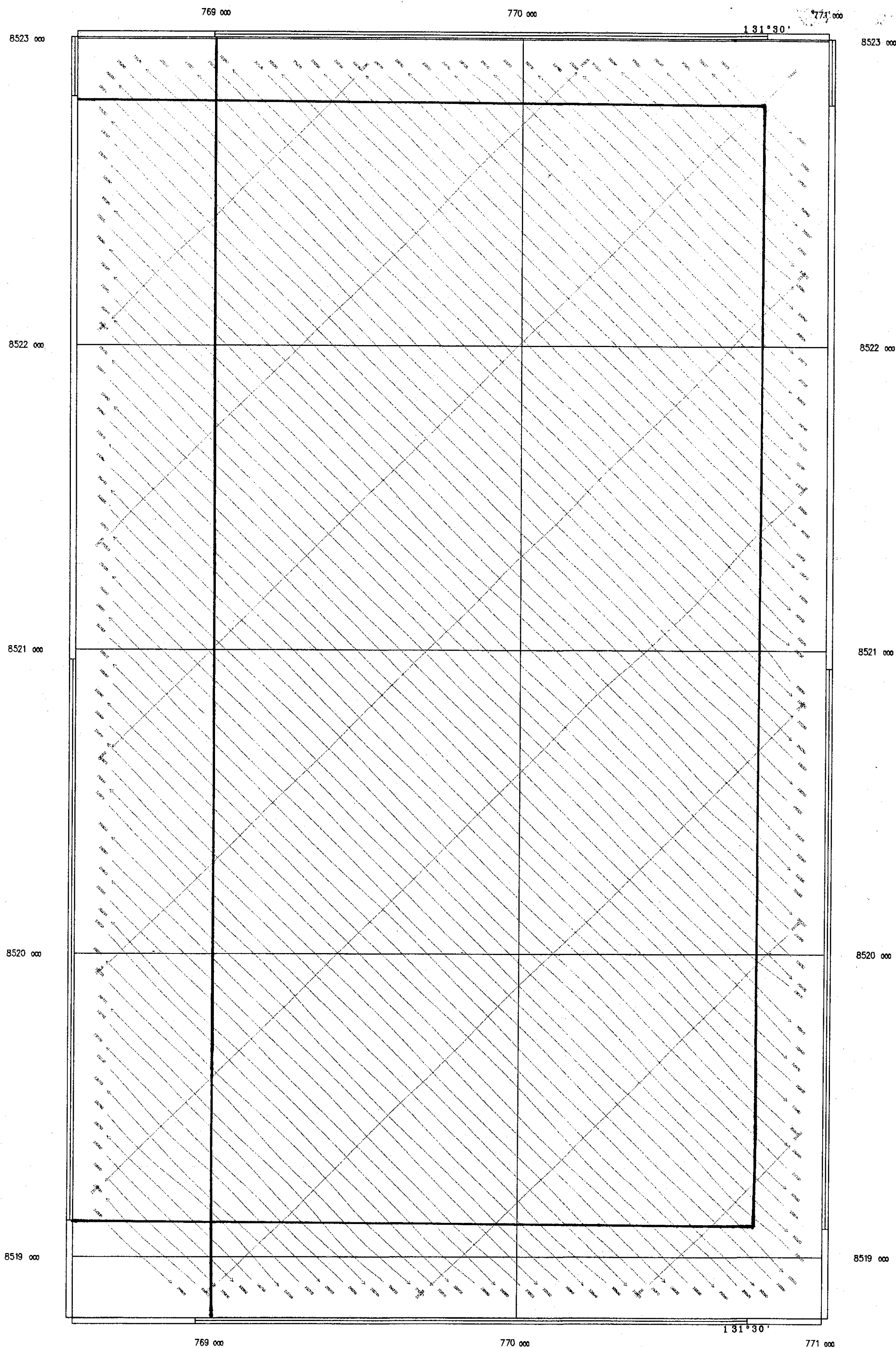


ACACIA RESOURCES LIMITED

AREA 1A (NT)
DETAILED AERO-MAG SURVEY
FLIGHT PATH MAP

DRAWN: UTS GEOPHYSICS	SCALE: 1:10000
DATE: 10th AUGUST 1998	JOB: A27B - AREA 1

CR557019

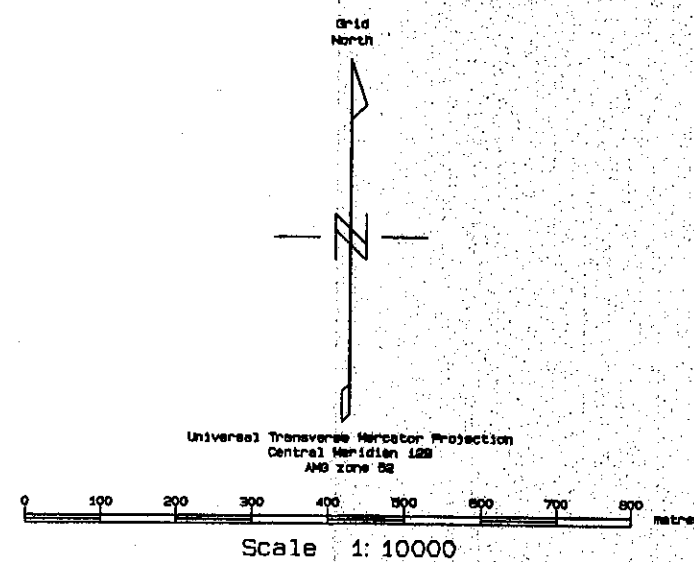


AIRBORNE SURVEY SPECIFICATIONS

Flight Line Direction:	135 - 315 degrees
Flight Line Separation:	50 metres
Tie Line Direction:	045 - 225 degrees
Tie Line Separation:	500 metres
Mean Terrain Clearance:	25 metres
Sample Interval:	4-5 metres
Navigation:	Differential GPS
Survey Flown:	July 1998

AIRBORNE SURVEY EQUIPMENT

Acquisition:	UTS Geophysics
Aircraft:	F024-950 Aircraft
Magnetometer:	Scintrex Cesium Vapour CS-2
Resolution:	0.001 nT
Sensitivity:	0.001 nT
Recording Interval:	0.1 sec
Compensation:	RMS AADC II Compensator



UTS Geophysics

CR99/019

ACACIA RESOURCES LIMITED

AREA 1B (NT)
 DETAILED AERO-MAG SURVEY
 FLIGHT PATH MAP

DRAWN: UTS GEOPHYSICS

SCALE: 1:10,000

DATE: 10th AUGUST 1998

JOB: A276 - AREA 2

10-08-98

SCALE 1:10 000

765 000

766 000

767 000

768 000

769 000

8519 000

8518 000

8517 000

8516 000

8515 000

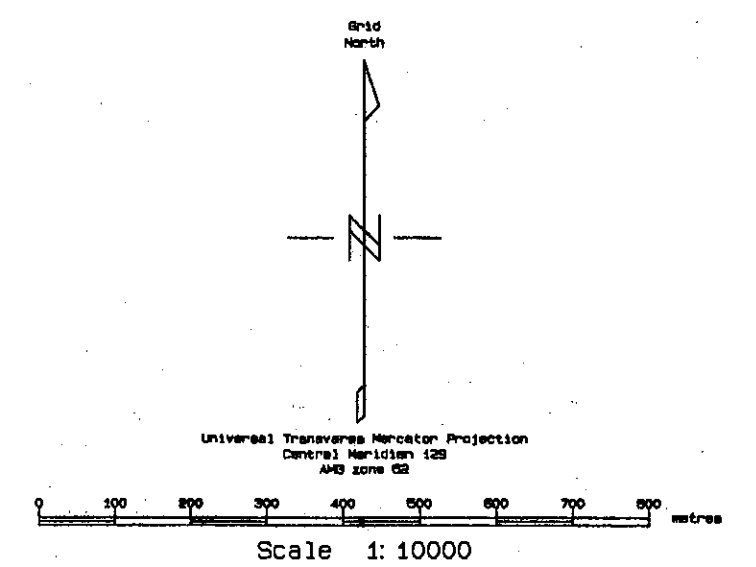
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AIRBORNE SURVEY SPECIFICATIONS

Flight Line Direction:	135 - 315 degrees
Flight Line Separation:	50 metres
Tie Line Direction:	045 - 225 degrees
Tie Line Separation:	500 metres
Mean Terrain Clearance:	25 metres
Sample Interval:	4-5 metres
Navigation:	Differential GPS
Survey Flown:	July 1998

AIRBORNE SURVEY EQUIPMENT

Acquisition:	UTS Geophysics
Aircraft:	FU24-950 Aircraft
Magnetometer:	Scintrex Cesium Vapour CS-2
Resolution:	0.001 nT
Sensitivity:	0.001 nT
Recording Interval:	0.1 sec
Compensation:	RMS AACG II Compensator



UTS Geophysics

ACACIA RESOURCES LIMITED

AREA 1C (NT)
DETAILED AERO-MAG SURVEY
FLIGHT PATH MAP

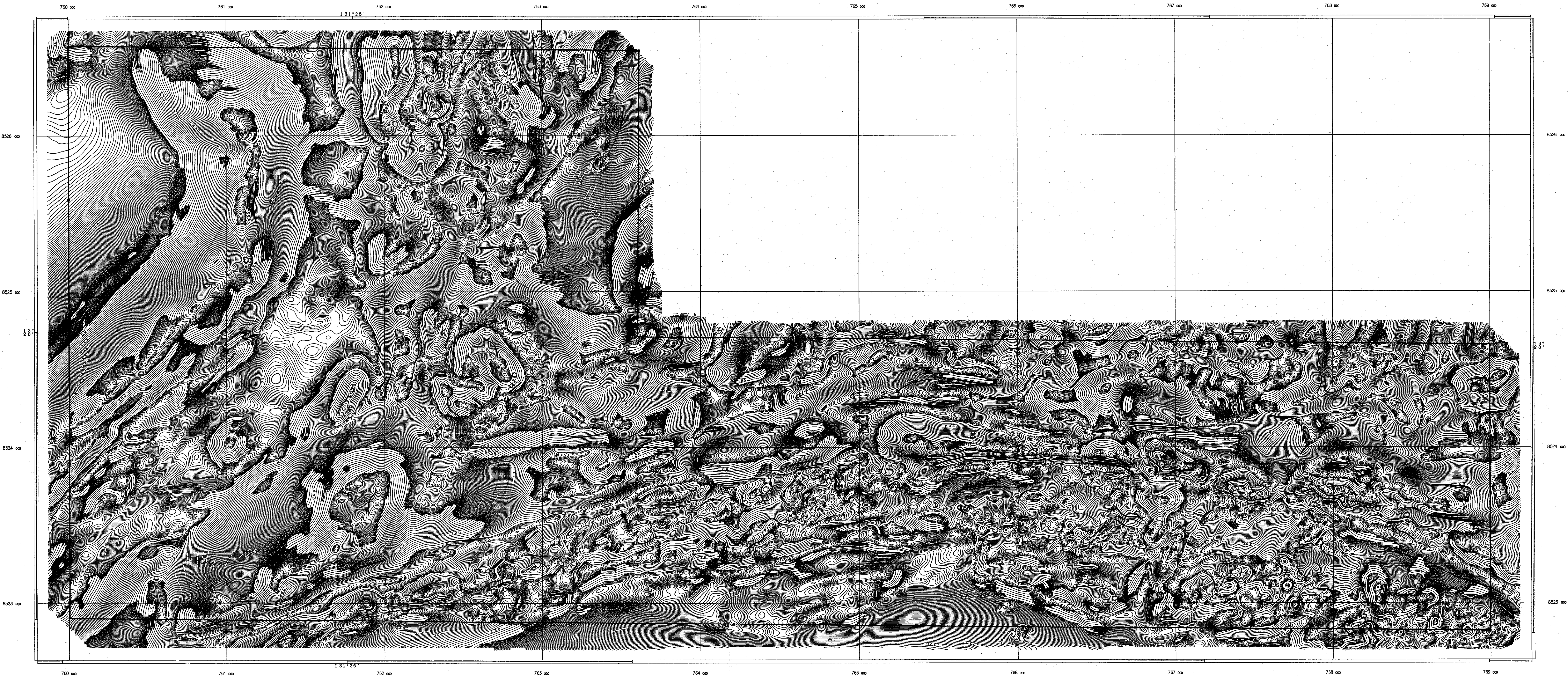
DRAWN: UTS GEOPHYSICS

SCALE: 1:10000

DATE: 10th AUGUST 1998

JOB: A278 - AREA 3

CR99/019



AIRBORNE SURVEY SPECIFICATIONS

Flight Line Direction:	135 - 315 degrees
Flight Line Separation:	50 metres
Tie Line Direction:	045 - 225 degrees
Tie Line Separation:	500 metres
Mean Terrain Clearance:	25 metres
Sample Interval:	4-5 metres
Navigation:	Differential GPS
Survey Flown:	July 1998

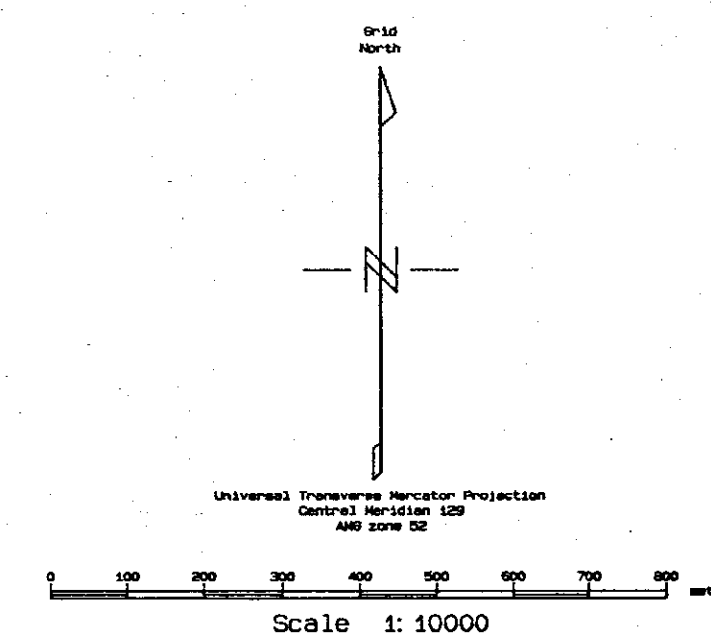
AIRBORNE SURVEY EQUIPMENT

Acquisition:	UTS Geophysics
Aircraft:	FU24-950 Aircraft
Magnetometer:	Scintrex Cesium Vapour CS-2
Resolution:	0.001 nT
Sensitivity:	0.001 nT
Recording Interval:	0.1 sec
Compensation:	RMS AADC II Compensator

PROCESSING DETAILS

Diurnal variations have been removed from the data. Tie line levelling processes have been applied. Enhanced microlevelling processes have been applied. The magnetic regional gradient has been removed by subtraction of the IGRF model computed at the date of the survey.

Grid cell size:	12mE x 12mN
1st contour interval:	2nT
2nd contour interval:	10nT
3rd contour interval:	50nT
4th contour interval:	200nT
5th contour interval:	500nT



UTS Geophysics

ACACIA RESOURCES LIMITED

AREA 1A (NT)
DETAILED AERO-MAG SURVEY
CONTOUR MAP OF
TOTAL MAGNETIC INTENSITY

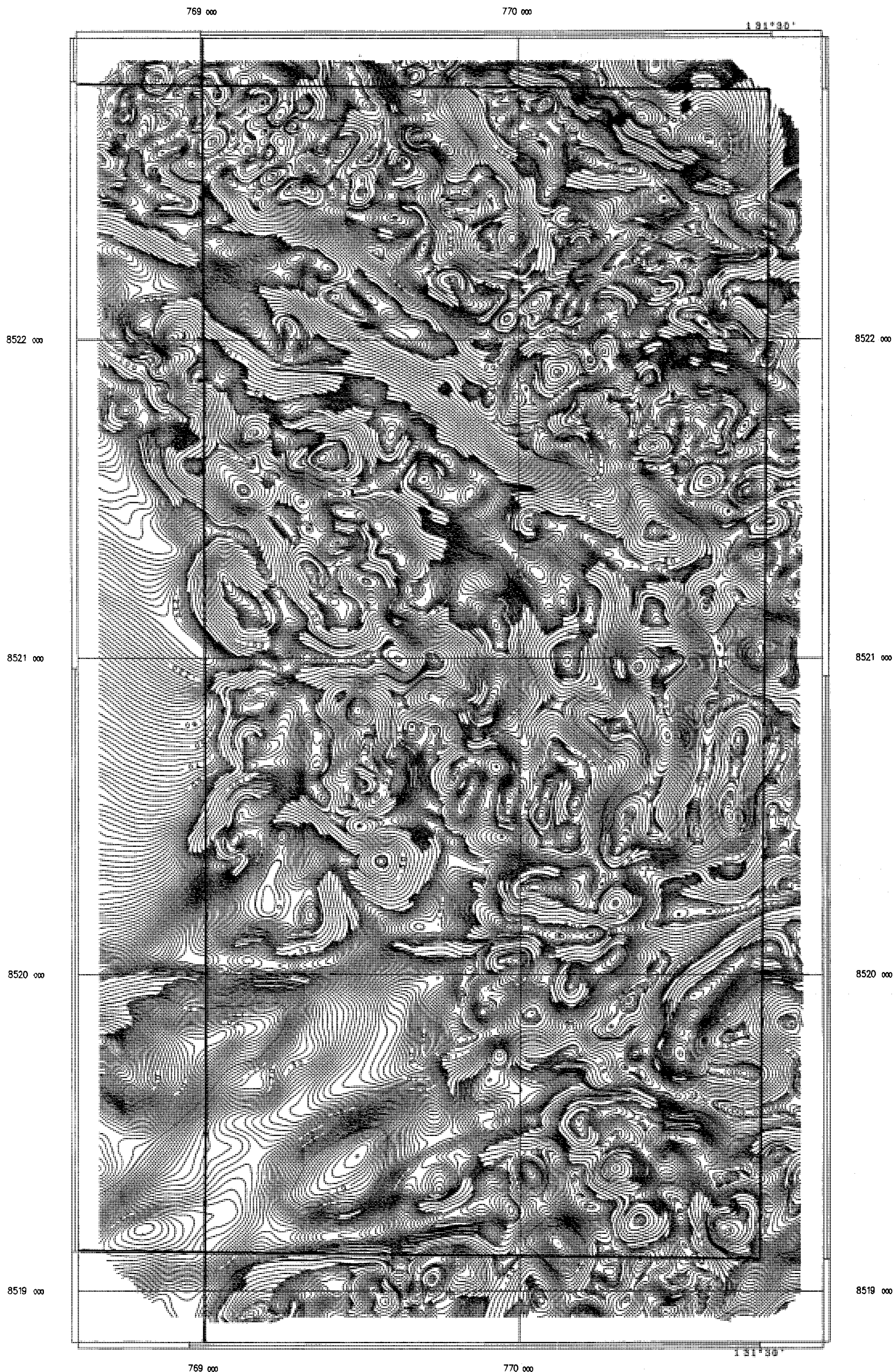
DRAWN: UTS GEOPHYSICS

SCALE: 1:10000

DATE: 4th AUGUST 1998

JOB: A278 - AREA 1

CR99/019



AIRBORNE SURVEY SPECIFICATIONS

Flight Line Direction:	135 - 315 degrees
Flight Line Separation:	50 metres
Tie Line Direction:	045 - 225 degrees
Tie Line Separation:	500 metres
Mean Terrain Clearance:	25 metres
Sample Interval:	4-5 metres
Navigation:	Differential GPS
Survey Flown:	July 1998

AIRBORNE SURVEY EQUIPMENT

Acquisition:	UTS Geophysics
Aircraft:	FU24-950 Aircraft
Magnetometer:	Scintrex Cesium Vapour CS-2
Resolution:	0.001 nT
Sensitivity:	0.001 nT
Recording Interval:	0.1 sec
Compensation:	RMS AADC II Compensator

PROCESSING DETAILS

Diurnal variations have been removed from the data.
Tie line levelling processes have been applied.
Enhanced microlevelling processes have been applied.
The magnetic regional gradient has been removed by subtraction of the IGRF model computed at the date of the survey.

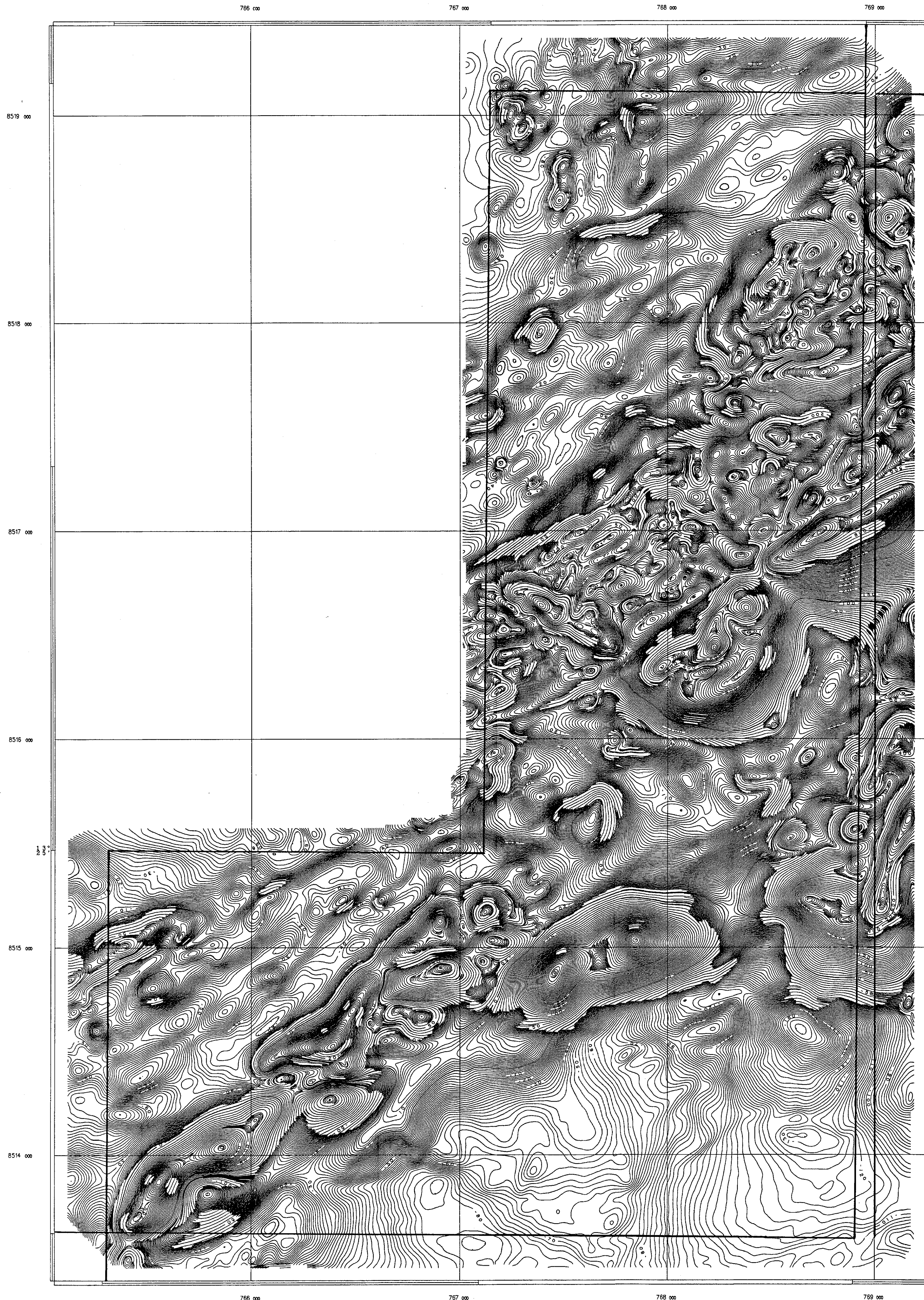
Grid cell size:	12mE x 12mN
1st contour interval:	2nT
2nd contour interval:	10nT
3rd contour interval:	50nT
4th contour interval:	200nT
5th contour interval:	500nT

ACACIA RESOURCES LIMITED

AREA 1B (NT)
DETAILED AERO-MAG SURVEY
CONTOUR MAP OF
TOTAL MAGNETIC INTENSITY

DRAWN: UTS GEOPHYSICS	SCALE: 1: 10000
DATE: 4th AUGUST 1998	JOB: A278 - AREA 2

CR99/019



AIRBORNE SURVEY SPECIFICATIONS

Flight Line Direction:	135 - 315 degrees
Flight Line Separation:	50 metres
Tie Line Direction:	045 - 225 degrees
Tie Line Separation:	500 metres
Mean Terrain Clearance:	25 metres
Sample Interval:	4-5 metres
Navigation:	Differential GPS
Survey Flown:	July 1998

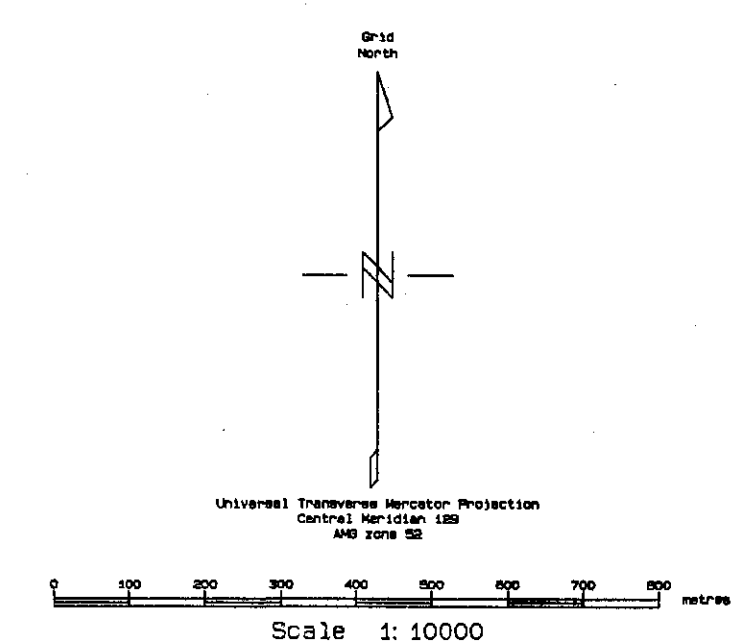
AIRBORNE SURVEY EQUIPMENT

Acquisition:	UTS Geophysics
Aircraft:	FU24-950 Aircraft
Magnetometer:	Scintrex Cesium Vapour CS-2
Resolution:	0.001 nT
Sensitivity:	0.001 nT
Recording Interval:	0.1 sec
Compensation:	RMS AADC II Compensation

PROCESSING DETAILS

Diurnal variations have been removed from the data.
Tie line levelling processes have been applied.
Enhanced microlevelling processes have been applied.
The magnetic regional gradient has been removed by subtraction of the IGRF model computed at the date of the survey.

Grid cell size:	12mE x 12mN
1st contour interval:	2nT
2nd contour interval:	10nT
3rd contour interval:	50nT
4th contour interval:	200nT
5th contour interval:	500nT



UTS Geophysics

ACACIA RESOURCES LIMITED

AREA 1C (NT)
DETAILED AERO-MAG SURVEY
CONTOUR MAP OF
TOTAL MAGNETIC INTENSITY

DRAWN: UTS GEOPHYSICS

SCALE: 1:10000

DATE: 4th AUGUST 1998

JOB: A278 - AREA 3

APPENDIX 9.0

GRAVITY SURVEY BASE STATIONS AND SPECIFICATIONS

Appendix 1 Base Station Locations

9749-1037

Description : Star picket close to base of tree, near the northern turn-off to the Pine Creek township off the Stuart Highway.

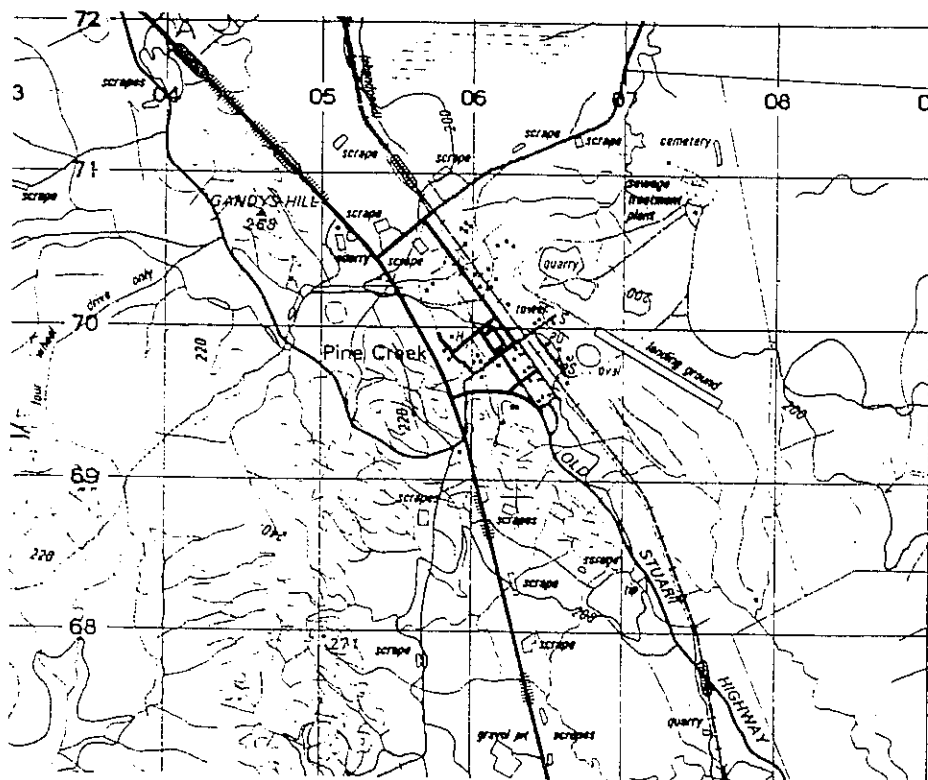
AMG Coordinates: 805800.00 mE 8471000.00 mN

Elevation : 200 m above sea level

Observed Gravity : 978310.71 mGal

Established : M.Roach 17/10/96

Map Series - Pine Creek 1 : 50,000



9749-1036

Description : Orange strip painted around the base of a light pole in the car park of the Emerald Springs Road House, Stuart Highway.

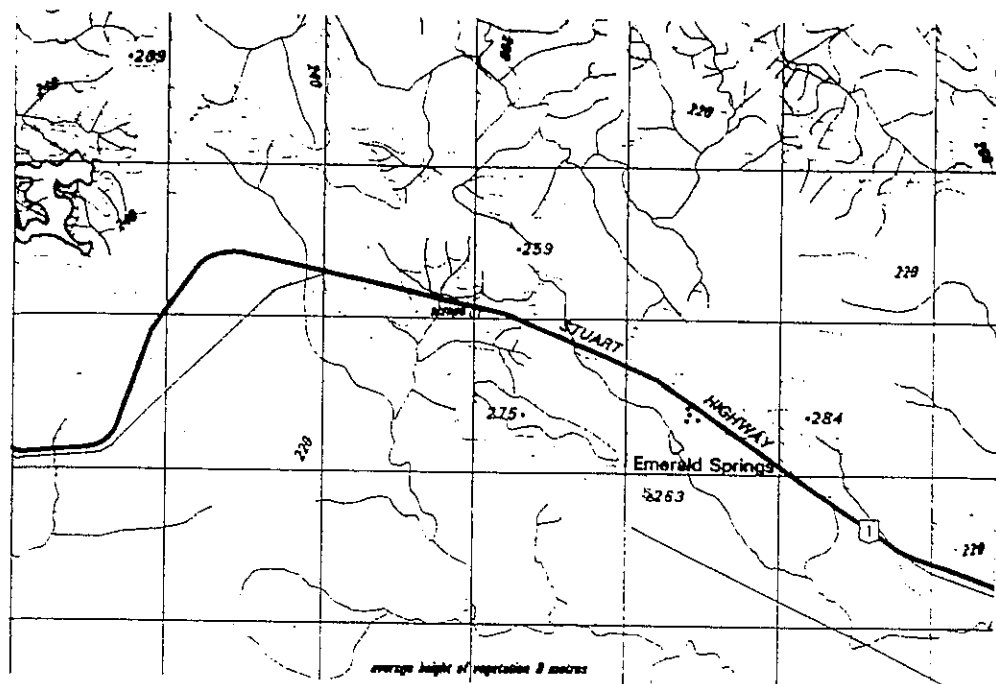
AMG Coordinates : 784500.00 mE 84913500.00 mN

Elevation : 220 m above sea level

Observed Gravity : 978300.96 mGal

Established : M. Roach 17/10/96

Map Series- Burrundie 1 : 50,000



9749-1009

Description : Star picket near large road sign on Fountain Head road at the intersection of the Stuart Highway and Fountain Head Road.

AMG Coordinates : 759996.30 mE 8503120.15 mN

Elevation : 115.66 m above sea level

Observed Gravity : 978314.33 mGal

Established : M.Roach 16/10/96

Map Series - Fenton 1 : 50,000

9749.1001

Description: Star picket 10m from the Fountain Head road adjacent to the power station

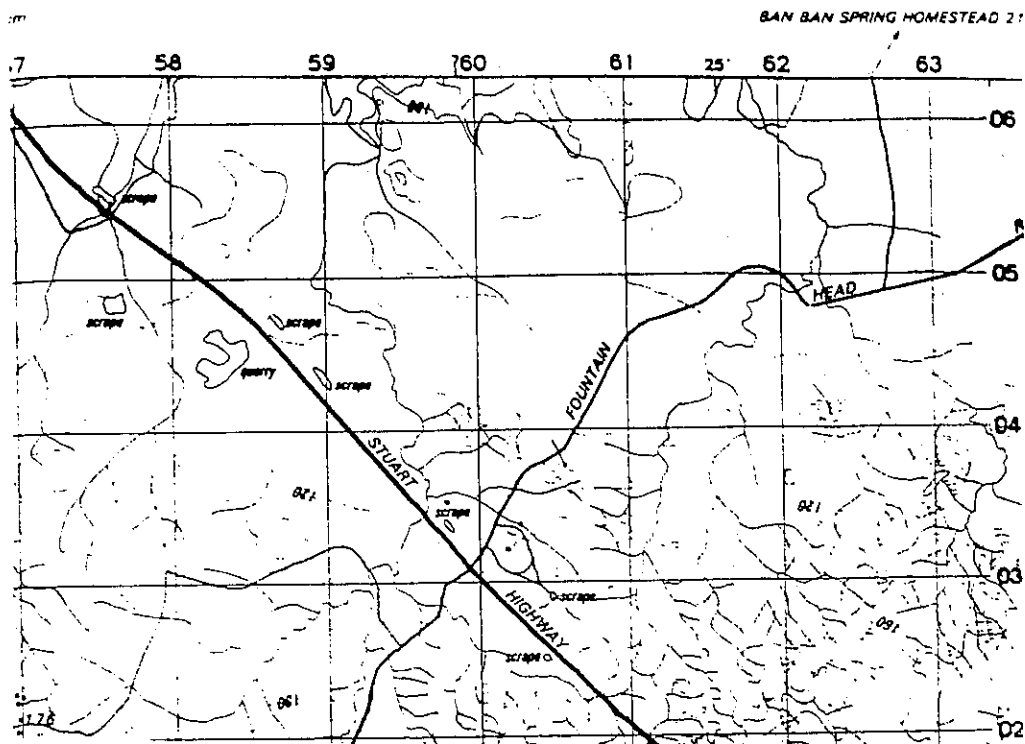
AMG Coordinates: 762600mE 85049000mN

Elevation 120.23m above sea level

Observed Gravity: 978311.148

Established: M.Roach 16/10/96

Map series: Fenton 1:50000



REGIONAL BASE STATION

ADELAIDE RIVER

9289 - 5171

Description : Circular plate, 1.5m west of the Adelaide River township fire station.

AMG Coordinates : 727802 mE

8535522 mN

Elevation : 52.78 m ASL

Observed Gravity : 978314.26 mGal

Established : M.Roach 16/10/96

Burnside EL Gravity Station Locations

year	Tas Uni station no	AMG E	AMG N	elev	obs.grav	theor.grav	terrain correction	2.67 B.A	location
97	49.2084	766709.7	523488.3	126.1	978.3018	978.3069	0	19.74	Pine Creek
97	49.2104	764885.2	523327	102.94	978.3001	978.3069	0	13.38	Pine Creek
97	49.2108	767171.1	517314	124.58	978.2972	978.3091	0	12.57	Pine Creek
97	49.2085	767504.2	523956.6	109.1	978.3086	978.3067	0	23.42	Pine Creek
97	49.211	767727	516398.8	127.73	978.302	978.3095	0	17.71	Pine Creek
97	49.2111	768292	517435	134.64	978.301	978.3091	0	18.41	Pine Creek
97	49.2107	769476.7	519302.1	119.22	978.3048	978.3084	0	19.87	Pine Creek

APPENDIX 10.0

ENVIRONMENTAL REGISTER

TENEMENT ENVIRONMENTAL MANAGEMENT REGISTER
LAND STATUS RECORD

Project: Burnside Joint Venture

Tenement Name: Burnside **Loc. Code:** BN01

Tenement No's: EL 7543

Registered Holder(s): Newcrest Mining Limited

Date Granted: 19/12/91 **Term:** 6 years **Area:** 56.45sq km
renewed for a term expiring
on 18 December 1999

Bond/Security:

JV Partners (if any): Newcrest Mining Limited

Land Classification: (Crown, Private, Lease) Pastoral Lease

Land Holder/Occupier: Britts Australia Pty Ltd

Contact Address: Ban Ban Springs Station **Phone:** 8978 2438

Contacted By: Damien Stephens **Date:** Feb 1997/Dec 98

Pastoral Notes: (Stock, Cultivation, Access, Rainfall)
Cattle and horses are grazed on the property. Access is via numerous
station tracks and fence line tracks

Land Classification: (Crown, Private, Lease) Pastoral Lease

Environmental Notes: (Flora/Fauna, Erosion, Bushfires, Flooding)
Annual wet season flooding.
Regular burning at beginning of dry season

Groundwater: (Bores/Wells/Dams, streams, drainage, test data)
Numerous ephemeral creeks in the tenement and numerous water
bores have been drilled for use by the station.

Aboriginal Notes: (Sacred Sites, Cultural)
No registered sacred sites have been recorded on this tenement.
AAPA certificate C97/137, expiring 16th Sept. 1999

Historic Relics: (Mine Workings, Equipment, Homesteads etc.)
Small workings/scratchings may be found throughout the entire
tenement. Ban Ban Springs Homestead is situated east of the

tenement, however access to the northern prospects (Chimera, Medusa) must be made via their front yard.

Previous Activity: (Mining, Exploration, Forestry, etc.)

The Brocks Creek region has an extensive history of exploration and mining dating back to the late 1880's.

TENEMENT ENVIRONMENTAL MANAGEMENT REGISTER
PRE-EXISTING ENVIRONMENTAL DISTURBANCE RECORD

Tenement Name: Burnside **No(s):** EL 7543

Exploration Activity Area: Brocks Creek Region

Shafts/Pits/Dumps: Multiple shallow pits.

Track/Access: well maintained access and property boundary tracks, fire breaks and old exploration tracks provide sufficient access within this tenement.

Line Clearing: None

Costeaning: None

Drill Sites: Minor clearing was undertaken to enable RC drilling of 4 holes at Chimera by Newcrest. These areas have been left to rehabilitate naturally.

Other: Cattle and feral animals (wild pigs) have caused variable amounts of damage to the area.

Location Data: 1: 250,000 topographic sheet - Pine Creek
1: 100,000 topographic sheet - Batchelor
AMG Block Co-ords approximately: 758000mE -
769000mE
8512000mN-8523000mN

Compiled by: Damien Stephens **Date:** 10/12/98

TENEMENT ENVIRONMENTAL MANAGEMENT REGISTER
ACACIA ENVIRONMENTAL IMPACT RECORD

Tenement Name: Burnside **No (s):** EL 7543

Report Ref No's: 08.8338, 08.8366, 08.8482, 08.8973 and
08.10013 (current report)

Exploration Activities: 1993/94, 1994/95 and 1995/96 1996/97 & 1997/98 involved
extensive exploration within EL 7543, the details of
which are outlined below.

Grids & Traverses: 1993/94: Approx. 20 line km of gridding was completed
within the licence. All gridding
was completed on the Brocks Creek Grid.
1994/95: Approx 66.25 line km of gridding was completed
infilling and extending the Brocks Creek Grid.
1995/96: Approx. 40 line km of gridding was completed,
extending or infilling existing lines.
1996/97: Approx 41 line km of gridding was completed,
extending or infilling existing lines.
1997/1998: approx 11 line km of gridding was completed,
extending or infilling existing lines.

Soil Sampling: 1993/94: Grid based soil sampling was conducted at
Britannia North and North of the Rising Tide prospect.
1994/95: 1476 soil samples and 56 rock chip samples.
1995/96: 267 hand and auger samples and 87 rock chip
samples.
1996/97: 467 hand and auger samples and 135 rockchip
samples.
1997/1998: 124 hand samples and 104 vacuum derived soil
samples

Costeans / Pits: Nil

Drilling: 1995/96: 480 post hole RAB holes were drilled at Chimera,
Crossroads and Powerline prospects.
1997/98: 10 RC holes at Medusa and 3 at north Britannia

Drill Traverses: Nil

Drill Pads:

No drill pads were required for the post hole RAB drilling. 1997/98. 16 drill pads prepared at Medusa. 3 drill pads prepared at North Britannia (blade up)- no earth works

Ground Geophysics:

1994/95: A gradient IP array survey was conducted at the Rising Tide prospect and extended into EL 7543. Selected lines were also trialed using dipole-dipole IP.

1995/96: A gradient IP array was conducted at Rising Tide extending and re-testing existing data.

Access Tracks:

Existing station tracks were used where possible.

1997/98 an approx 1.5km track was prepared into Medusa to allow the RC rig access, this was done blade up where possible

Camps:

Nil

Other:

Nil

Compiled by:

Damien Stephens

Date: 13/12/98

TENEMENT ENVIRONMENTAL MANAGEMENT REGISTER
ACACIA REHABILITATION RECORD

Tenement Name: Burnside

No(s): EL7543

Disturbance: Nil

Rehabilitation: Medusa RC Pad Rehabilitation

Date: 13/12/98

Grids & Traverses: Galvanised pegs still emplaced, and will be removed as Acacia withdraws from prospect areas.

Soil Sampling: All auger holes backfilled after drilling

Costeans/Pits: Nil

Drilling: All post-hole RAB holes were backfilled after completion of drilling. All 13 RC holes were capped 30cm below ground with concrete plugs on completion. The holes were then backfilled and mounded.

Drill Traverses: Nil

Drill Pads: 10 of the sixteen RC pads at Medusa have been recontoured to the original hill shapes, with the stockpiled topsoil restored over the top. The remaining six pads could not be rehabilitated, as Acacia was denied access by the pastoral leaseholder - Brits Australia. Discussions are underway to resolve the dispute. The three pads at North Britannia were prepared 'blade up' and no rehabilitation is required.

Ground Geophysics: Rehabilitation of the IP electrode pits has been completed for the 1995/96 IP survey, though is yet to be completed for the 1994/95 survey.

Access Tracks: To be maintained during licence tenure, including newly prepared Medusa access track

Camps: Cosmo Village is used as the camp.

Other: Nil

Inspected / Clearance: Nil

Bond/Security released: N/A

Compiled by: Damien Stephens

Date: 13/12/98

Follow-up Inspection Report: Follow up inspection of Medusa rehabilitated drill pads to be done at time of further drilling on the Prospect in 1999.